

Appendix A: Major Outfall Station Fact Sheets

Camarillo

Waterbody: Camarillo Hills Drain (tributary to Revolon Slough)

Location: Daily Rd. overcrossing (34°13'10.00"N, 119° 3'58.06"W)

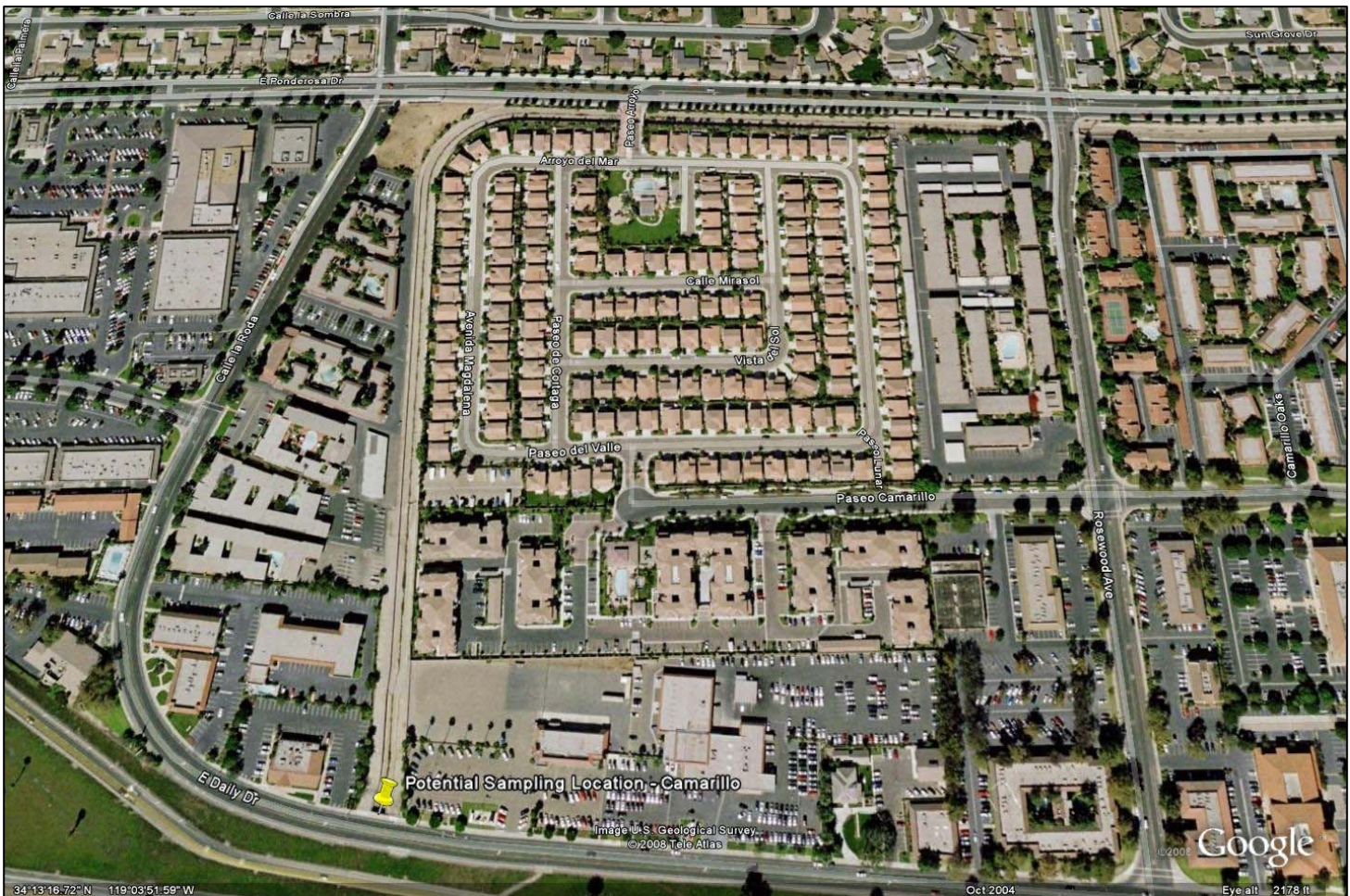
Pros: Likely well-defined rating table

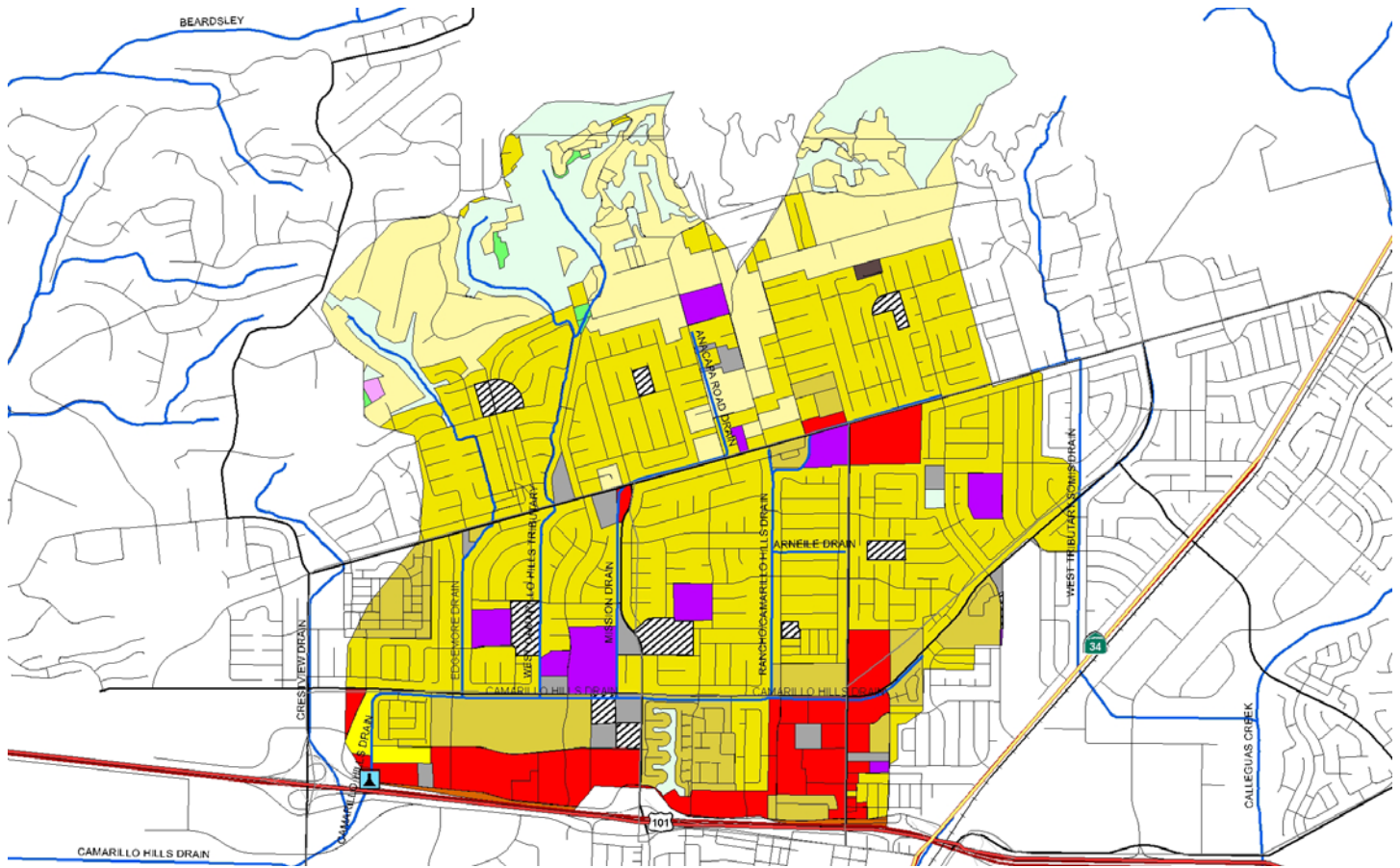
Cons: Moderate potential for vandalism

Outstanding Site Selection Tasks: None

Other Potential Sites: None

Dry Season Flow Potential: Likely intermittent year-round flow due to urban runoff





Entire City

| Land Use | Acres | % of Total Watershed |
|-------------------------|----------------|----------------------|
| Agriculture | 1585.8 | 12.6% |
| Com_Indus. Mix | 12.5 | 0.1% |
| Commer. | 657.2 | 5.2% |
| Extraction | 58.4 | 0.5% |
| Facility | 129.5 | 1.0% |
| Industrial_1 | 32.2 | 0.2% |
| Industrial_3 | 622.6 | 4.9% |
| Military_2 | 5.7 | 0.1% |
| No Info Given | 202.2 | 1.6% |
| Recreation | 489.4 | 3.9% |
| Res.1 | 1305.9 | 10.4% |
| Res.2 | 443.4 | 3.5% |
| Res.3 | 3253.5 | 25.9% |
| Res.4 | 525.0 | 4.2% |
| Schools | 325.0 | 2.6% |
| Transportation | 954.2 | 7.6% |
| Under Construction | 294.8 | 2.3% |
| Utilities | 255.8 | 2.0% |
| Vacant Undifferentiated | 1423.4 | 11.4% |
| Totals | 12576.4 | 100.0% |

Selected Subwatershed

| Land Use | Acres | % of Total Watershed |
|-------------------------|---------------|----------------------|
| Agriculture | 6.1 | 0.2% |
| Commercial | 213.5 | 7.7% |
| Facility | 48.5 | 1.7% |
| No Info Given | 57.4 | 2.1% |
| Res.1 | 453.4 | 16.3% |
| Res.2 | 235.0 | 8.5% |
| Res.3 | 1365.5 | 49.1% |
| Res.4 | 15.2 | 0.5% |
| Schools | 80.6 | 2.9% |
| Transportation | 11.7 | 0.4% |
| Under Construction | 2.6 | 0.1% |
| Utilities | 2.3 | 0.1% |
| Vacant Undifferentiated | 287.4 | 10.3% |
| Totals | 2779.1 | 100.0% |

Fillmore

Waterbody: North Fillmore Drain (tributary to Sespe Creek)

Location: 75 yds. southwest of Old Telegraph Rd.
(34°24'16.51"N, 118°55'50.47"W)

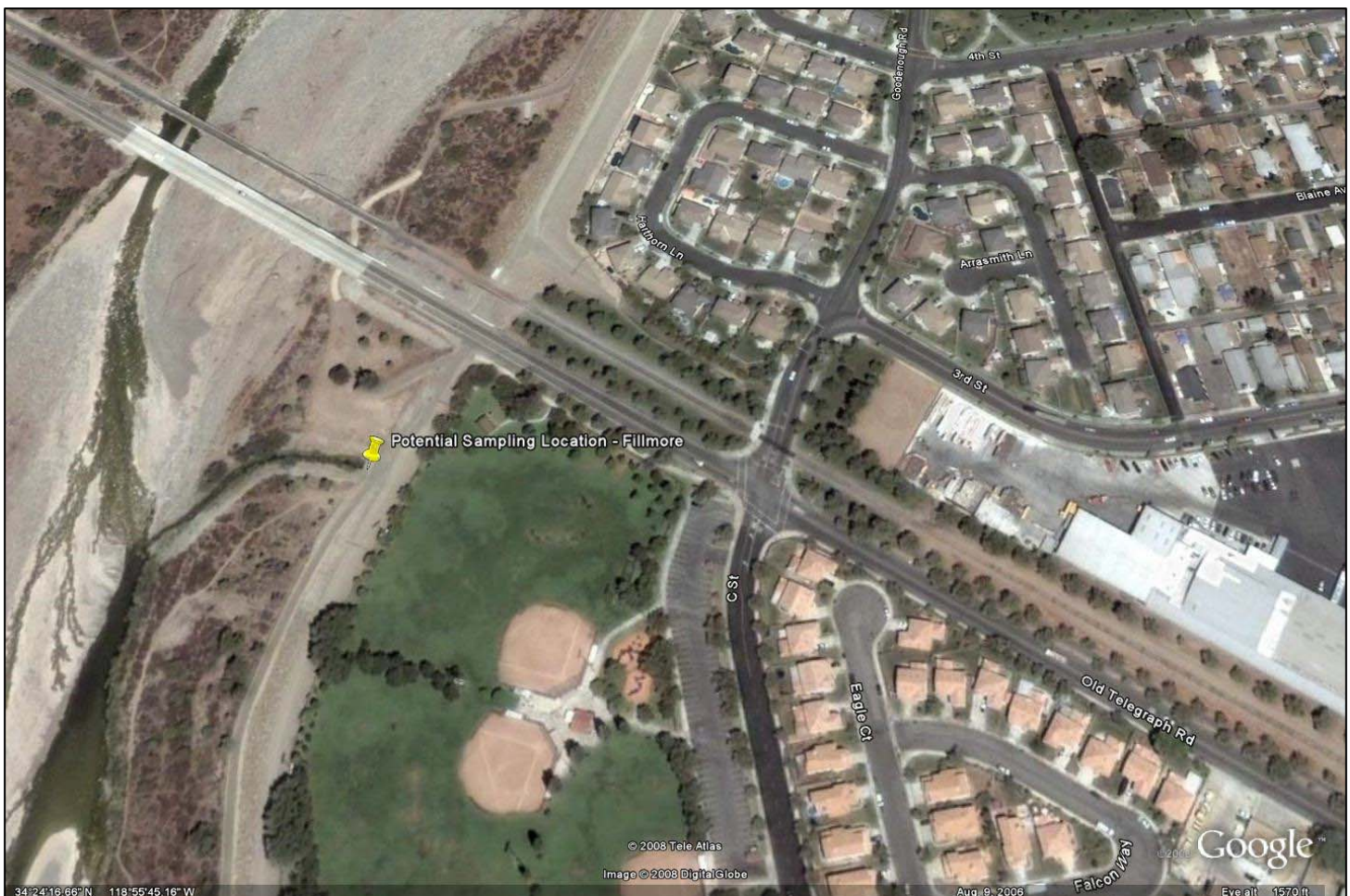
Pros: Some portion of vegetation could be cleared by City of Fillmore

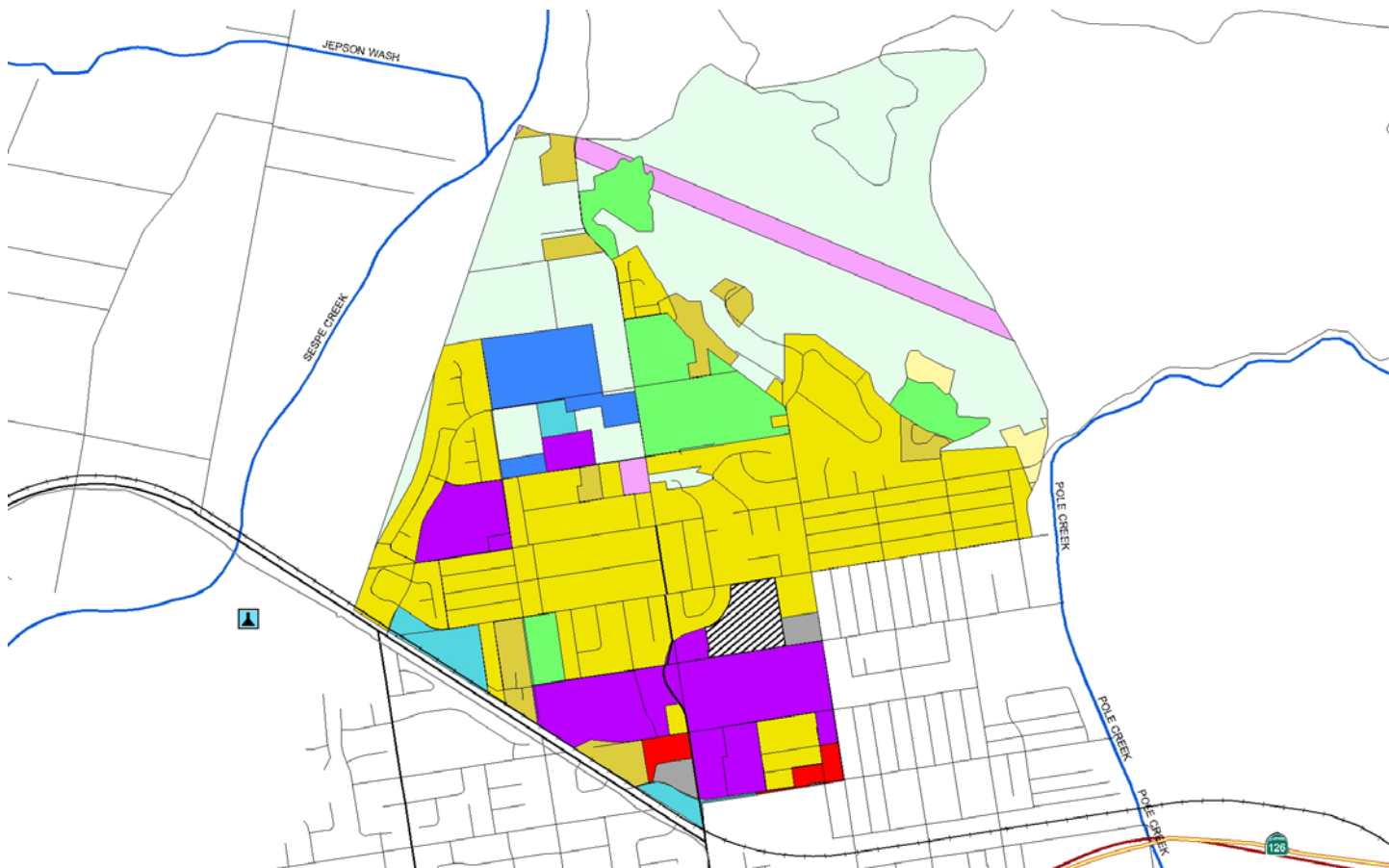
Cons: Potential for vandalism

Outstanding Site Selection Tasks: None

Other Potential Sites: C Street Drain and Central Ave. Drain

Dry Season Flow Potential: Likely intermittent year-round flow due to urban runoff





Entire City

| Land Use | Acres | % of Total Watershed |
|-------------------------|---------------|----------------------|
| Agriculture | 274.8 | 13.0% |
| Com_Indus. Mix | 10.4 | 1.0% |
| Commercial | 103.2 | 5.0% |
| Facility | 27.3 | 1.0% |
| Industrial_1 | 31.3 | 2.0% |
| Industrial_3 | 28.7 | 1.0% |
| No Info Given | 21.9 | 1.0% |
| Res.1 | 52.8 | 3.0% |
| Res.2 | 44.6 | 2.0% |
| Res.3 | 693.1 | 34.0% |
| Schools | 87.6 | 4.0% |
| Transportation | 6.4 | 0.0% |
| Under Constructoni | 58.4 | 3.0% |
| Utilities | 45.8 | 2.0% |
| Vacant Undifferentiated | 582.5 | 28.0% |
| Totals | 2068.7 | 100.0% |

Selected Subwatershed

| Land Use | Acres | % of Total Watershed |
|-------------------------|--------------|----------------------|
| Agriculture | 52.5 | 6.9% |
| Commercial | 6.3 | 0.8% |
| Facility | 5.1 | 0.7% |
| Industrial_1 | 14.1 | 1.9% |
| Industrial_3 | 23.4 | 3.1% |
| No Info Given | 9.9 | 1.3% |
| Res.1 | 6.1 | 0.8% |
| Res.2 | 29.7 | 3.9% |
| Res.3 | 255.7 | 33.6% |
| Schools | 75.3 | 9.9% |
| Utilities | 23.1 | 3.0% |
| Vacant Undifferentiated | 260.6 | 34.2% |
| Totals | 761.7 | 100.0% |

Meiners Oaks (Unincorporated)

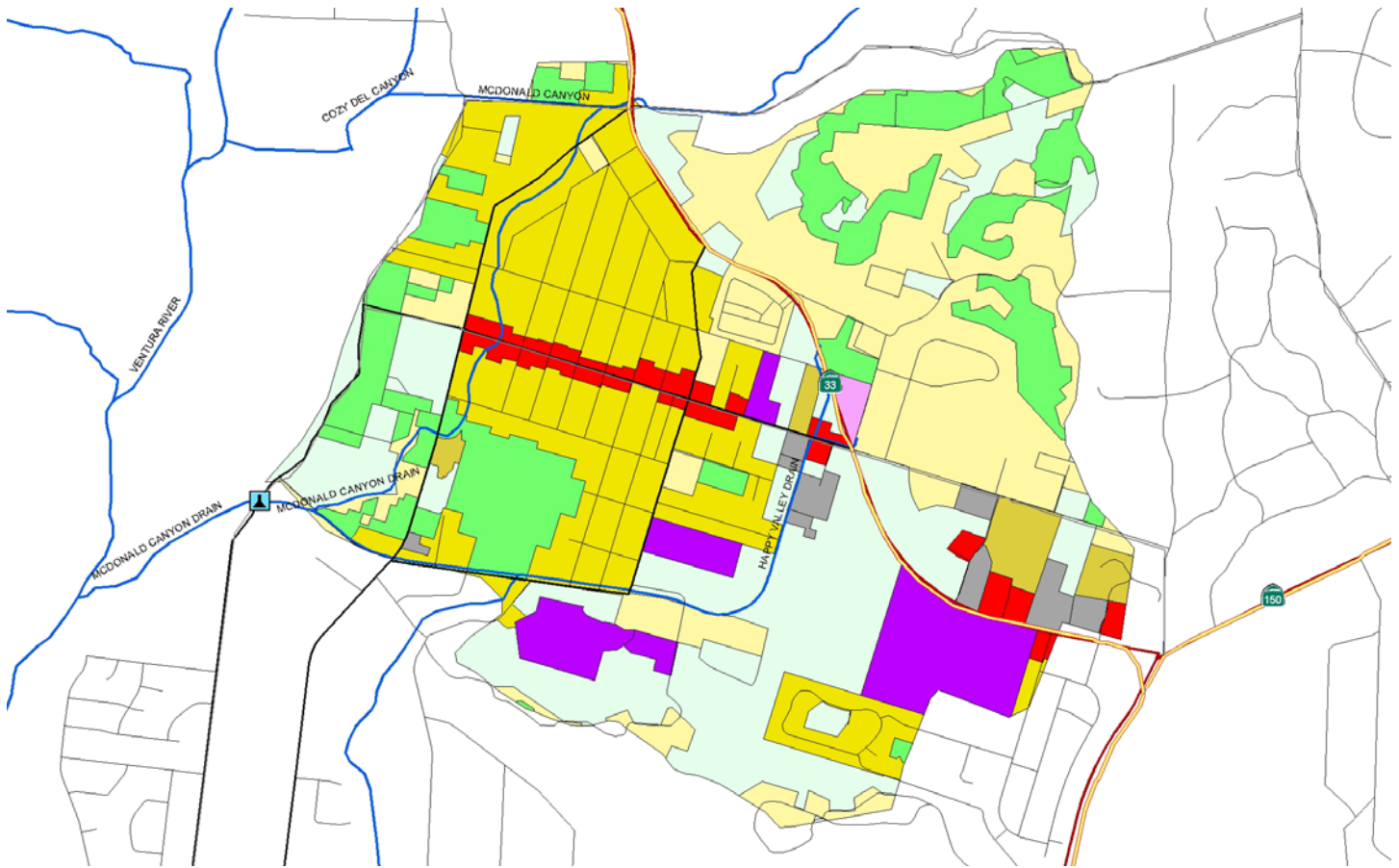
Waterbody: Happy Valley Drain (tributary to Ventura River)

Location: Southwest of Lomita Rd. and Rice Rd. intersection (34°26'43.98"N, 119°17'25.18"W)

Pros: Good control, good access, existing stream flow gauge

Dry Season Flow Potential: Unknown at end of rainy season; unlikely later in summer





Entire City

| Land Use | Acres | % of Total Watershed |
|-------------------------|---------------|----------------------|
| Agriculture | 658.0 | 21.5% |
| Cemeteries | 0.0 | 0.0% |
| Commercial | 33.0 | 1.1% |
| Facility | 15.5 | 0.5% |
| Recreation | 29.9 | 1.0% |
| Res.1 | 812.3 | 26.5% |
| Res.2 | 43.9 | 1.4% |
| Res.3 | 463.4 | 15.1% |
| Schools | 46.5 | 1.5% |
| Utilities | 19.3 | 0.6% |
| Vacant Undifferentiated | 945.0 | 30.8% |
| Totals | 3066.8 | 100.0% |

Selected Subwatershed

| Land Use | Acres | % of Total Watershed |
|-------------------------|---------------|----------------------|
| Agriculture | 152.1 | 14.8% |
| Commercial | 30.8 | 3.0% |
| Facility | 20.8 | 2.0% |
| Res.1 | 234.0 | 22.8% |
| Res.2 | 22.0 | 2.1% |
| Res.3 | 249.9 | 24.4% |
| Schools | 63.6 | 6.2% |
| Utilities | 3.8 | 0.4% |
| Vacant Undifferentiated | 248.8 | 24.3% |
| Totals | 1025.9 | 100.0% |

Moorpark

Waterbody: Gabbert Canyon Drain (tributary to Arroyo Las Posas)

Location: North side of SR 118 near southwest corner of So. Cal. Edison property (34°16'44.29"N, 118°54'19.40"W)

Pros: Likely well-defined rating table

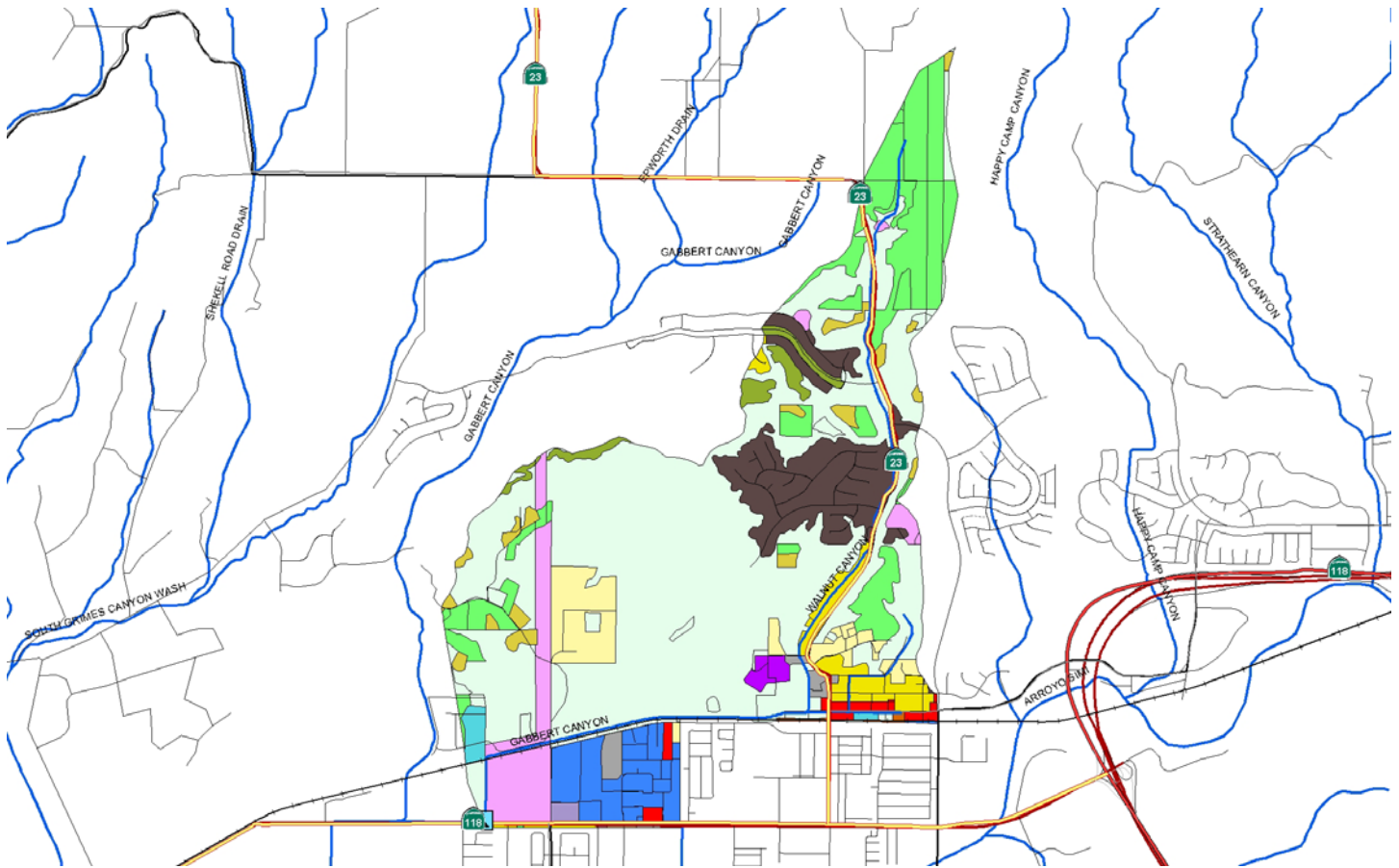
Cons: Aerial deposition from vehicular traffic on 118, potential for vandalism

Outstanding Site Selection Tasks: Move sampling location shown on watershed map

Other Potential Sites: Upstream current location, although site would interfere with access road

Dry Season Flow Potential: Likely intermittent year-round flow due to urban runoff





Entire City

| Land Use | Acres | % of Total Watershed |
|-------------------------|---------------|----------------------|
| Land Use | Acres | % of Total Watershed |
| Agriculture | 351.7 | 4.0% |
| Com_Indus. Mix | 9.1 | 0.0% |
| Commercial | 196.3 | 2.0% |
| Extraction | 39.2 | 0.0% |
| Facility | 40.9 | 1.0% |
| Industrial_1 | 21.3 | 0.0% |
| Industrial_3 | 225.2 | 3.0% |
| No Info Given | 148.3 | 2.0% |
| Recreation | 186.1 | 2.0% |
| Res.1 | 213.5 | 3.0% |
| Res.2 | 190.4 | 2.0% |
| Res.3 | 1854.6 | 23.0% |
| Res.4 | 106.8 | 1.0% |
| Schools | 302.1 | 4.0% |
| Transportation | 198.0 | 2.0% |
| Under Construction | 472.9 | 6.0% |
| Utilities | 211.9 | 3.0% |
| Vacant Undifferentiated | 3213.1 | 40.0% |
| Totals | 7981.5 | 100.0% |

Selected Subwatershed

| Land Use | Acres | % of Total Watershed |
|-------------------------|---------------|----------------------|
| Agriculture | 230.0 | 12.7% |
| Commercial | 19.9 | 1.1% |
| Extraction | 5.8 | 0.3% |
| Facility | 16.8 | 0.9% |
| Industrial_1 | 13.3 | 0.7% |
| Industrial_3 | 90.4 | 5.0% |
| Recreation | 31.0 | 1.7% |
| Res.1 | 82.3 | 4.5% |
| Res.2 | 37.4 | 2.1% |
| Res.3 | 56.3 | 3.1% |
| Res.4 | 1.5 | 0.1% |
| Schools | 10.5 | 0.6% |
| Transportation | 3.1 | 0.2% |
| Under Construction | 166.2 | 9.2% |
| Utilities | 100.7 | 5.5% |
| Vacant Undifferentiated | 950.8 | 52.4% |
| Totals | 1816.2 | 100.0% |

Ojai

Waterbody: Fox Canyon Barranca (tributary to San Antonio Creek)

Location: Concrete box channel upstream Ojai Valley Athletic Club and downstream pedestrian walkway (34°26'41.25"N, 119°14'28.43"W)

Pros: Numerous bridges to sample from, located behind VCWPD gate, likely well-defined rating table

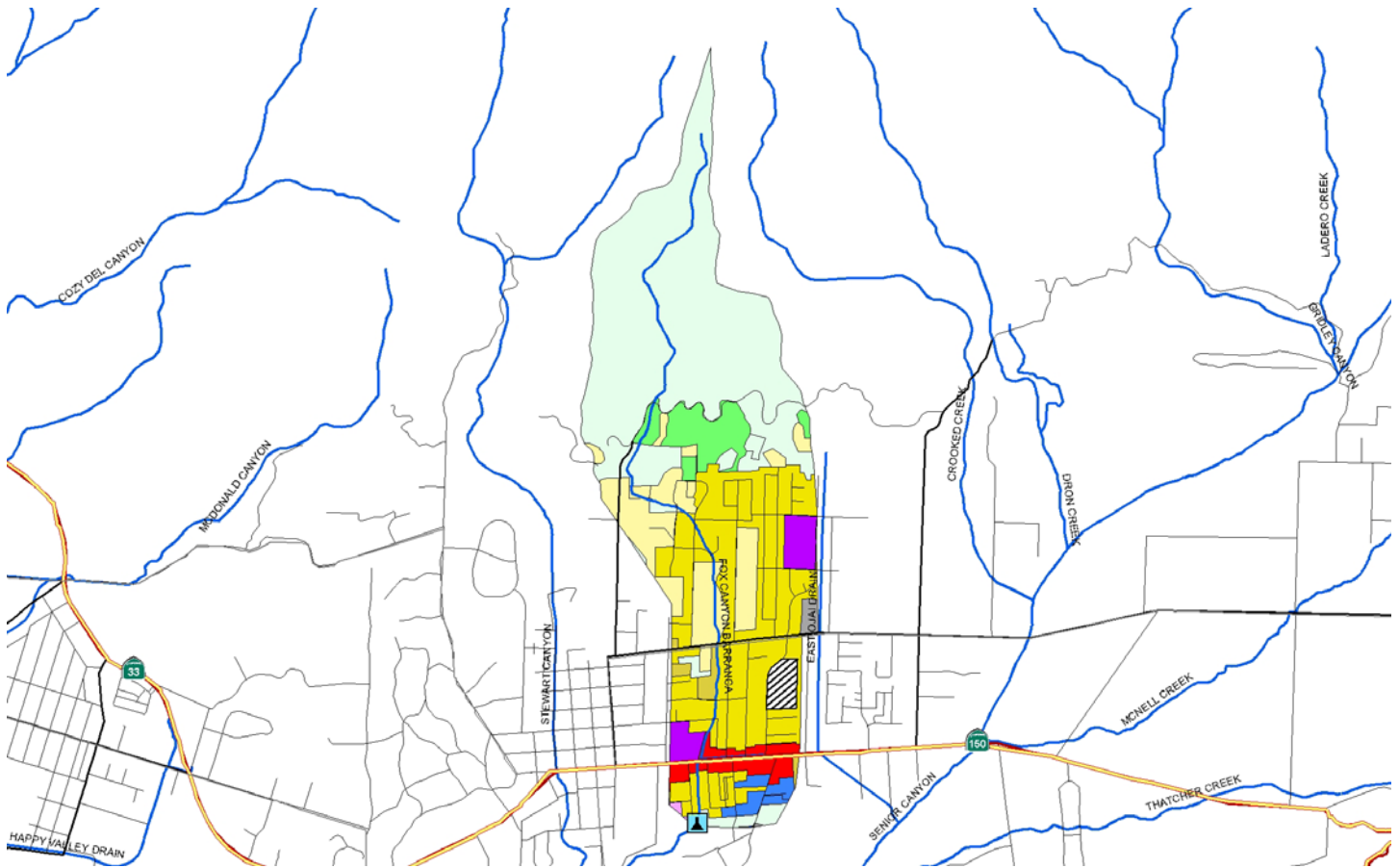
Cons: Some potential for vandalism

Outstanding Site Selection Tasks: Work with VCWPD O&M to ensure enclosure doesn't interfere with maintenance activities

Other Potential Sites: Downstream where Stewart Canyon crosses beneath Ventura St. (bioassessment #8)

Dry Season Flow Potential: Likely intermittent year-round flow due to urban runoff





Entire Watershed

| Land Use | Acres | % of Total Watershed |
|-------------------------|---------------|----------------------|
| Agriculture | 83.1 | 3.0% |
| Cemeteries | 3.8 | 0.1% |
| Com_Indus. Mix | 7.6 | 0.3% |
| Commercial | 155.1 | 5.6% |
| Facility | 43.2 | 1.5% |
| Industrial_3 | 13.2 | 0.5% |
| No Info Given | 55.6 | 2.0% |
| Recreation | 312.1 | 11.2% |
| Res.1 | 620.7 | 22.2% |
| Res.2 | 61.3 | 2.2% |
| Res.3 | 534.8 | 19.1% |
| Res.4 | 3.3 | 0.1% |
| Schools | 100.6 | 3.6% |
| Utilities | 32.9 | 1.2% |
| Vacant Undifferentiated | 767.1 | 27.5% |
| Totals | 2794.7 | 100.0% |

Selected Subwatershed

| Land Use | Acres | % of Total Watershed |
|-------------------------|--------------|----------------------|
| Agriculture | 37.3 | 5.0% |
| Commercial | 23.8 | 3.2% |
| Facility | 4.1 | 0.6% |
| Industrial_3 | 11.4 | 1.5% |
| No Info Given | 10.0 | 1.3% |
| Recreation | 0.1 | 0.0% |
| Res.1 | 84.3 | 11.3% |
| Res.2 | 8.0 | 1.1% |
| Res.3 | 210.9 | 28.2% |
| Res.4 | 0.1 | 0.0% |
| Schools | 20.2 | 2.7% |
| Utilities | 1.0 | 0.1% |
| Vacant Undifferentiated | 337.5 | 45.1% |
| Totals | 748.6 | 100.0% |

Oxnard

Waterbody: El Rio Drain (tributary to Santa Clara River)

Location: Pedestrian bridge 50 yds. southwest bend of Winchester Dr. (34°14'10.10"N, 119°11'3.93"W)

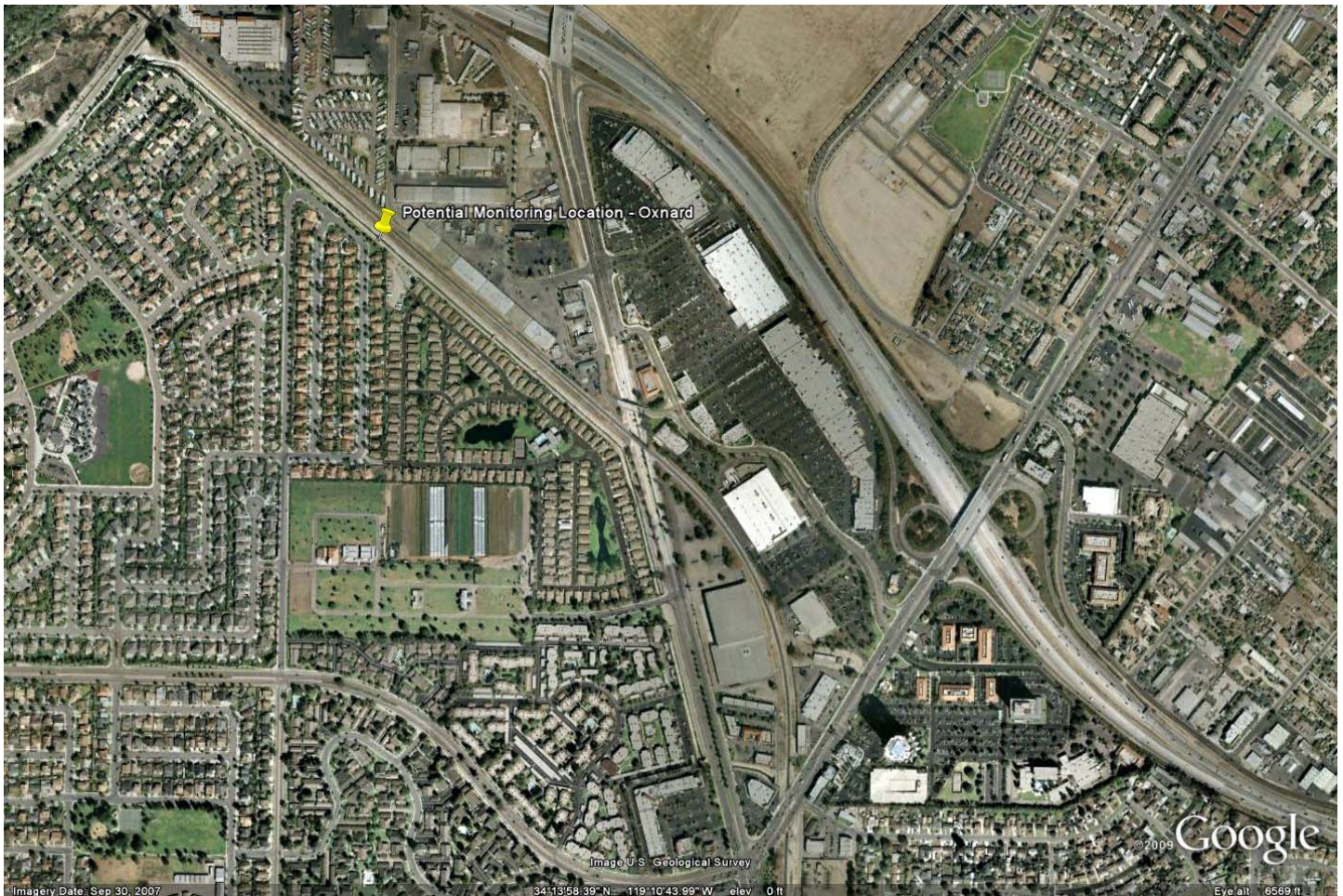
Pros: Likely well-defined rating table

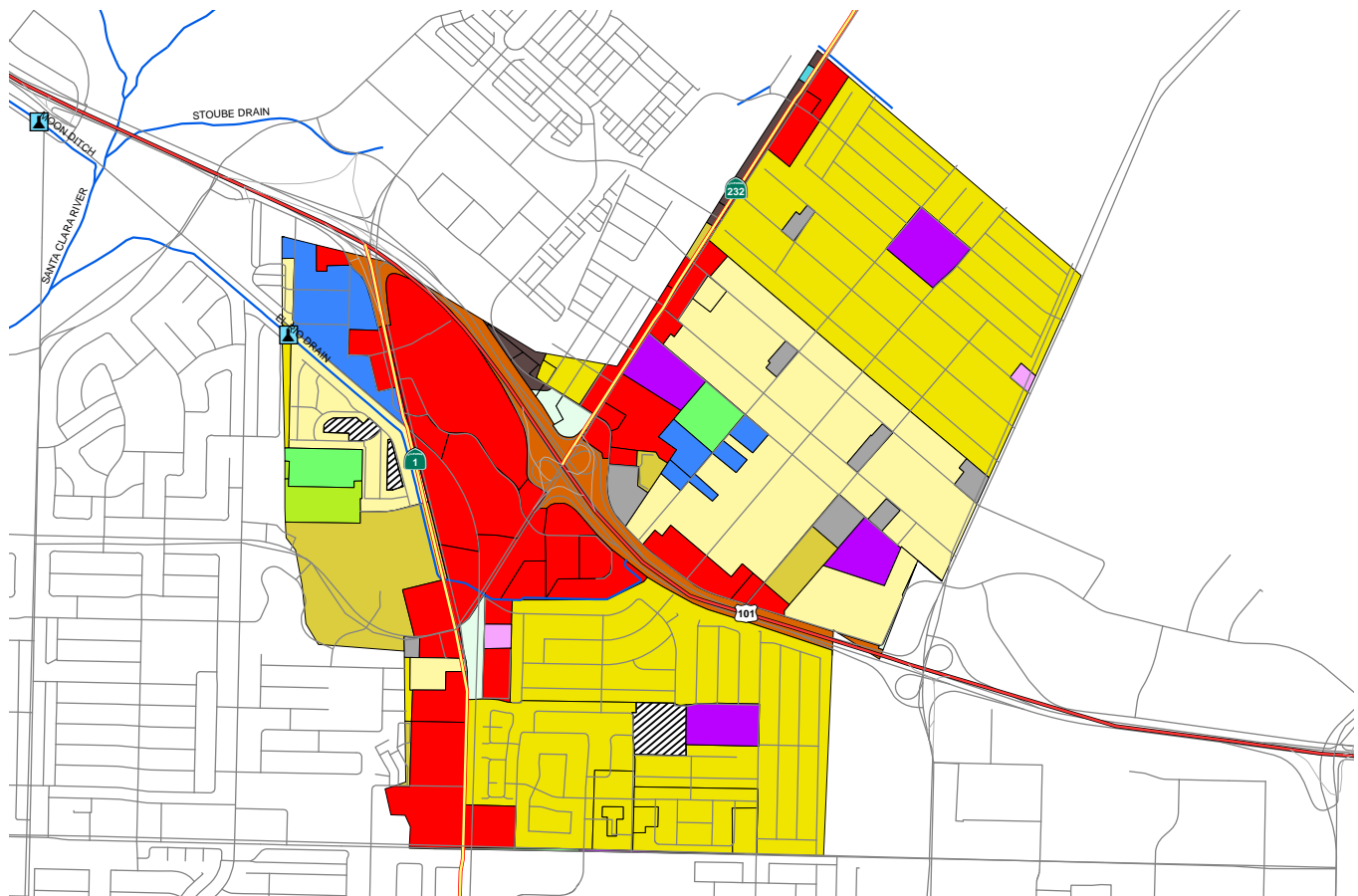
Cons: High potential for vandalism

Outstanding Site Selection Tasks: None

Other Potential Sites: None

Dry Season Flow Potential: Likely intermittent year-round flow due to urban runoff





Entire City

| Land Use | Acres | % of Total Watershed |
|-------------------------|----------------|----------------------|
| Agriculture | 969.4 | 5.6% |
| Cemeteries | 22.4 | 0.1% |
| Com_Indus. Mix | 165.1 | 0.9% |
| Commercial | 1385.9 | 8.0% |
| Extraction | 227.3 | 1.3% |
| Facility | 244.8 | 1.4% |
| Industrial_1 | 163.7 | 1.0% |
| Industrial_3 | 1104.0 | 6.5% |
| Industrial_4 | 62.3 | 0.4% |
| Military_1 | 1.7 | 0.0% |
| Military_2 | 4.0 | 0.0% |
| No Info Given | 371.6 | 2.2% |
| Recreation | 679.4 | 3.9% |
| Res.1 | 369.1 | 2.2% |
| Res.2 | 1149.3 | 6.7% |
| Res.3 | 5892.4 | 34.3% |
| Res.4 | 163.0 | 1.0% |
| Schools | 703.5 | 4.1% |
| Transportation | 560.5 | 3.3% |
| Under Construction | 802.6 | 4.7% |
| Utilities | 298.0 | 1.8% |
| Vacant Undifferentiated | 1740.2 | 10.1% |
| Water | 82.0 | 0.5% |
| Totals | 17162.2 | 100.0% |

Selected Subwatershed

| Land Use | Acres | % of Total Watershed |
|-------------------------|---------------|----------------------|
| Agriculture | 19.0 | 1.5% |
| Cemeteries | 9.7 | 0.7% |
| Commercial | 253.5 | 19.5% |
| Facility | 22.1 | 1.7% |
| Industrial_1 | 0.7 | 0.1% |
| Industrial_3 | 40.4 | 3.1% |
| No Info Given | 14.0 | 1.1% |
| Res.1 | 243.3 | 18.7% |
| Res.2 | 69.8 | 5.4% |
| Res.3 | 500.1 | 38.5% |
| Schools | 42.9 | 3.3% |
| Transportation | 55.3 | 4.3% |
| Under Construction | 12.4 | 1.0% |
| Utilities | 3.5 | 0.3% |
| Vacant Undifferentiated | 11.7 | 0.9% |
| Totals | 1298.2 | 100.0% |

Port Hueneme

Waterbody: Hueneme Drain (tributary to Pacific Ocean)

Location: Pump Station 300 yds. downstream
Surfside Dr. (34°8'26.91"N, 119°11'17.58"W)

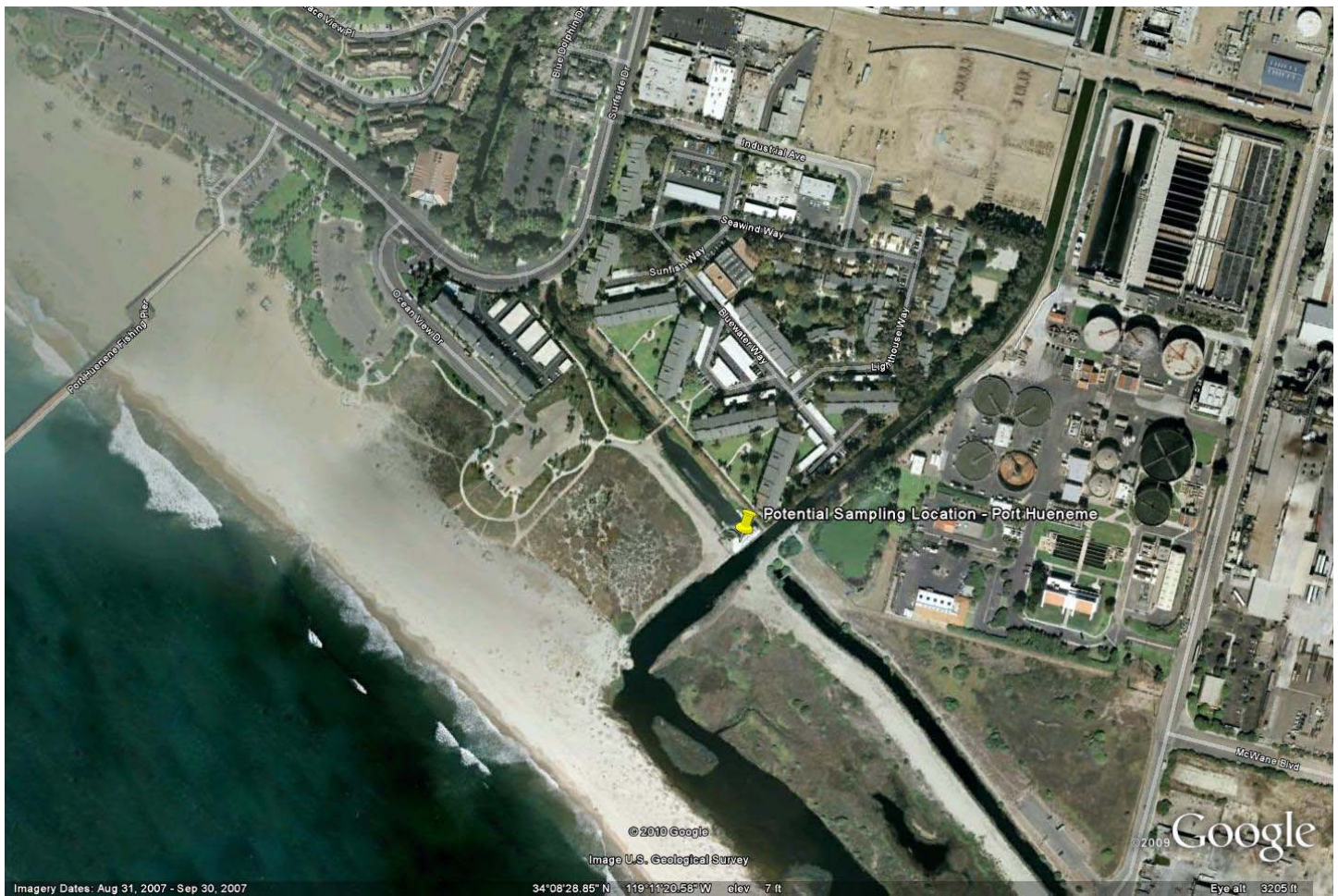
Pros: Grass-covered sides fairly stable

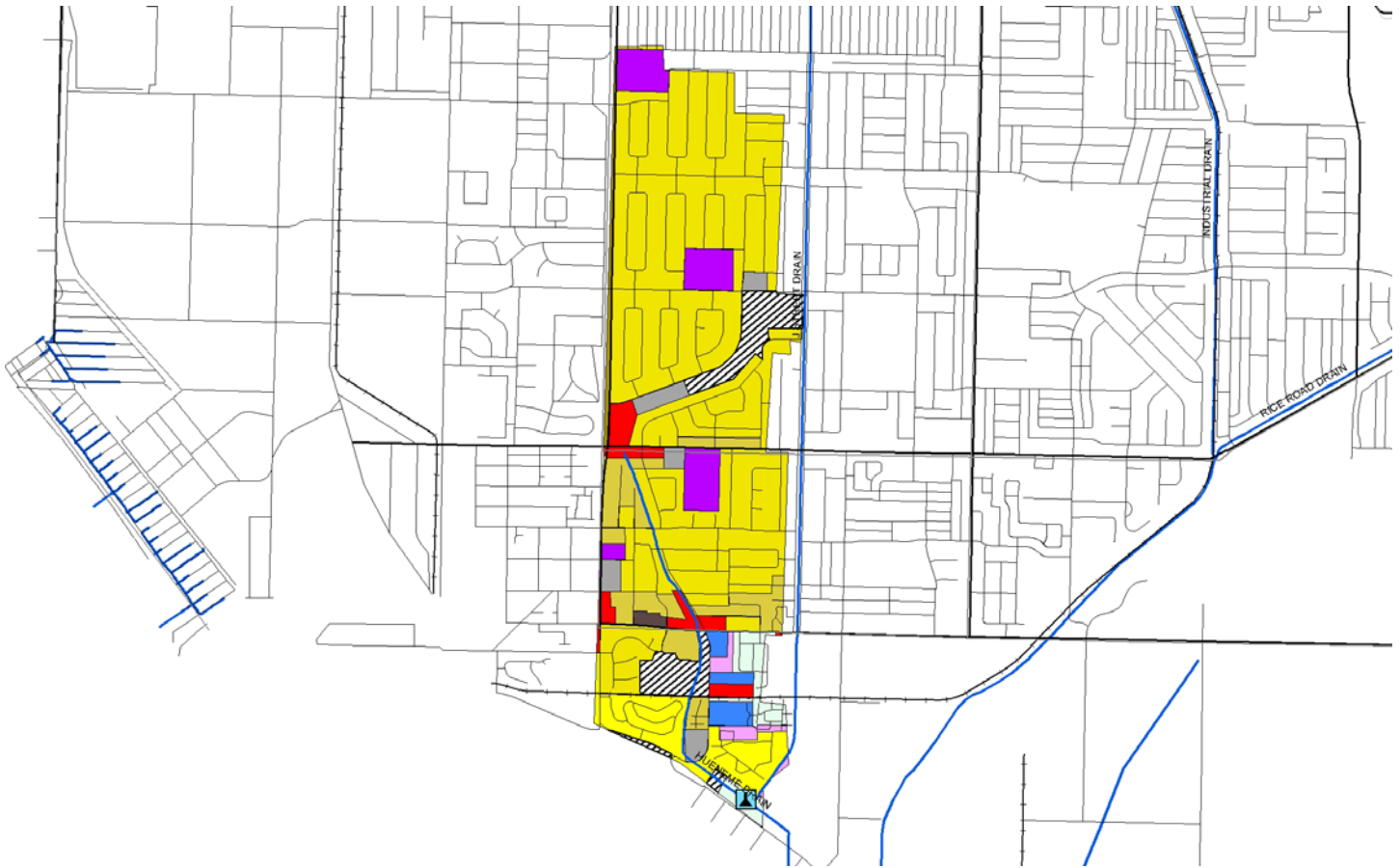
Cons: Lots of activity nearby, high potential for vandalism, stagnant water

Outstanding Site Selection Tasks: Verify positive flow

Other Potential Sites: At Surfside Rd. at lower end of Bubbling Springs Park

Dry Season Flow Potential: Likely year-round flow due to urban runoff and groundwater contribution





Entire City

| Land Use | Acres | % of Total Watershed |
|-------------------------|---------------|----------------------|
| Commercial | 105.4 | 3.7% |
| Facility | 20.4 | 0.7% |
| Industrial_1 | 32.5 | 1.1% |
| Industrial_3 | 34.9 | 1.2% |
| Military_2 | 1558.4 | 54.0% |
| No Info Given | 53.7 | 1.9% |
| Recreation | 38.5 | 1.3% |
| Res.2 | 308.3 | 10.7% |
| Res.3 | 432.9 | 15.0% |
| Res.4 | 104.3 | 3.6% |
| Schools | 41.6 | 1.4% |
| Transportation | 29.7 | 1.0% |
| Under Construction | 2.1 | 0.1% |
| Utilities | 6.0 | 0.2% |
| Vacant Undifferentiated | 35.4 | 1.2% |
| Water | 83.6 | 2.9% |
| Totals | 2887.9 | 100.0% |

Selected Subwatershed

| Land Use | Acres | % of Total Watershed |
|-------------------------|--------------|----------------------|
| Commercial | 19.2 | 3.3% |
| Facility | 15.1 | 2.6% |
| Industrial_3 | 10.0 | 1.7% |
| Military_2 | 5.7 | 1.0% |
| No Info Given | 35.8 | 6.1% |
| Res.2 | 45.5 | 7.7% |
| Res.3 | 359.1 | 60.9% |
| Res.4 | 40.9 | 6.9% |
| Schools | 32.6 | 5.5% |
| Under Construction | 2.1 | 0.4% |
| Utilities | 6.5 | 1.1% |
| Vacant Undifferentiated | 16.8 | 2.9% |
| Totals | 589.4 | 100.0% |

Santa Paula

Waterbody: 11th Street Drain (tributary to Santa Clara River)

Location: Upstream Santa Paula Airport
(34°20'54.99"N, 119° 3'19.82"W)

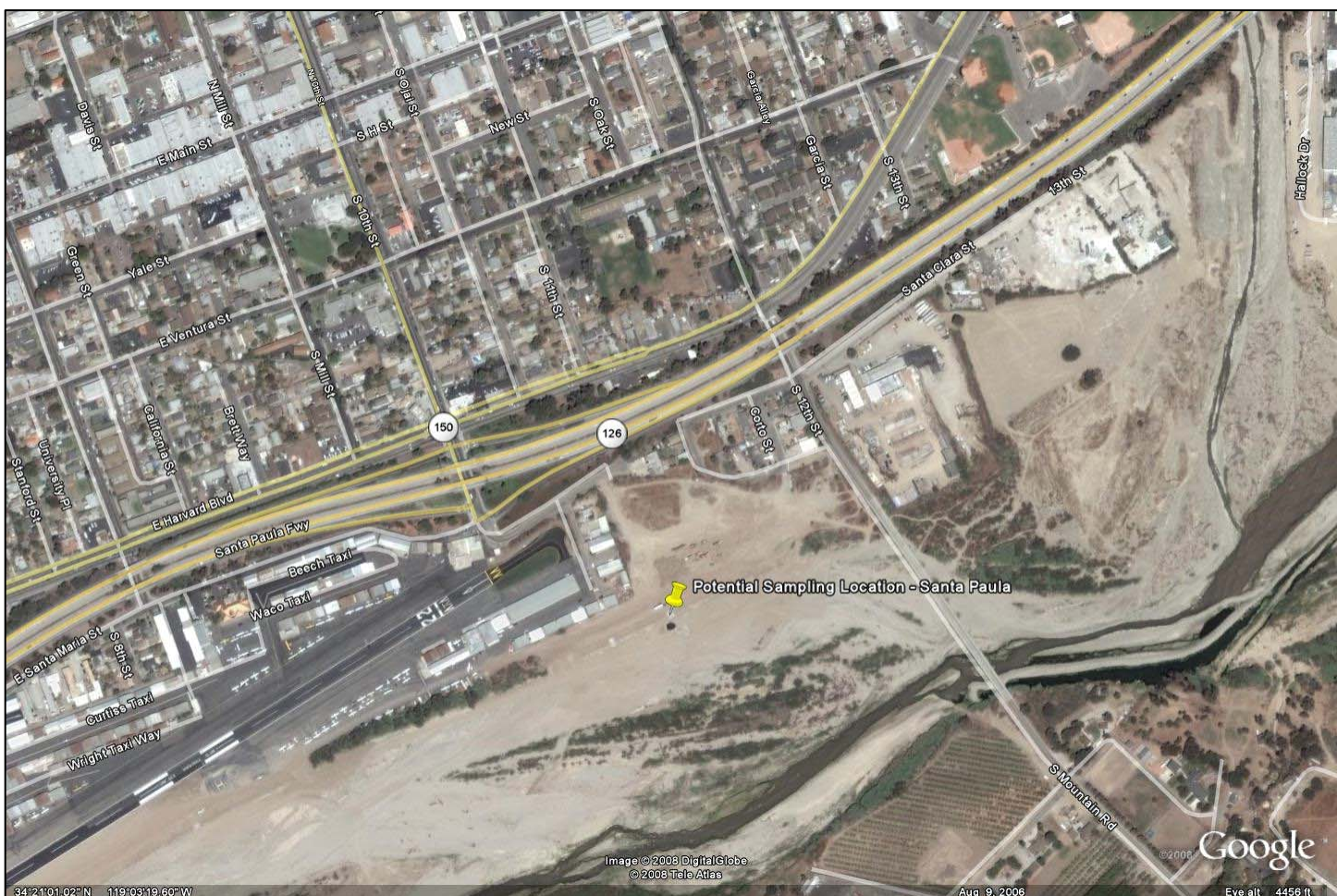
Pros: Excellent flat pad on top of outfall for sampling equipment

Cons: High potential for vandalism

Outstanding Site Selection Tasks: None

Other Potential Sites: None

Dry Season Flow Potential: Likely intermittent year-round flow due to urban runoff. No flow at time of initial observation





Entire City

| Land Use | Acres | % of Total Watershed |
|-------------------------|---------------|----------------------|
| Agriculture | 210.3 | 7.0% |
| Cemeteries | 19.4 | 0.7% |
| Com_Indus. Mix | 4.6 | 0.2% |
| Commercial | 235.4 | 7.8% |
| Extraction | 30.5 | 1.0% |
| Facility | 42.4 | 1.4% |
| Industrial_1 | 73.7 | 2.4% |
| Industrial_3 | 133.0 | 4.5% |
| No Info Given | 33.5 | 1.1% |
| Recreation | 4.7 | 0.2% |
| Res.1 | 266.9 | 8.9% |
| Res.2 | 86.8 | 2.9% |
| Res.3 | 1065.9 | 35.5% |
| Res.4 | 46.8 | 1.6% |
| Schools | 91.7 | 3.1% |
| Transportation | 166.4 | 5.5% |
| Under Construction | 8.7 | 0.3% |
| Utilities | 41.1 | 1.4% |
| Vacant Undifferentiated | 440.6 | 14.7% |
| Totals | 3002.4 | 100.0% |

Selected Subwatershed

| Land Use | Acres | % of Total Watershed |
|-------------------------|-------------|----------------------|
| Commercial | 9.4 | 14.7% |
| Industrial_1 | 2.5 | 4.0% |
| Res.2 | 2.8 | 4.3% |
| Res.3 | 30.5 | 47.7% |
| Schools | 6.4 | 10.0% |
| Transportation | 6.8 | 10.6% |
| Utilities | 4.9 | 7.6% |
| Vacant Undifferentiated | 0.8 | 1.2% |
| Totals | 64.0 | 100.0% |

Simi Valley

Waterbody: Bus Canyon Drain (tributary to Arroyo Simi)

Location: North of intersection at 5th St. and Los Angeles Ave. (34°16'18.59"N, 118°47'1.51"W)

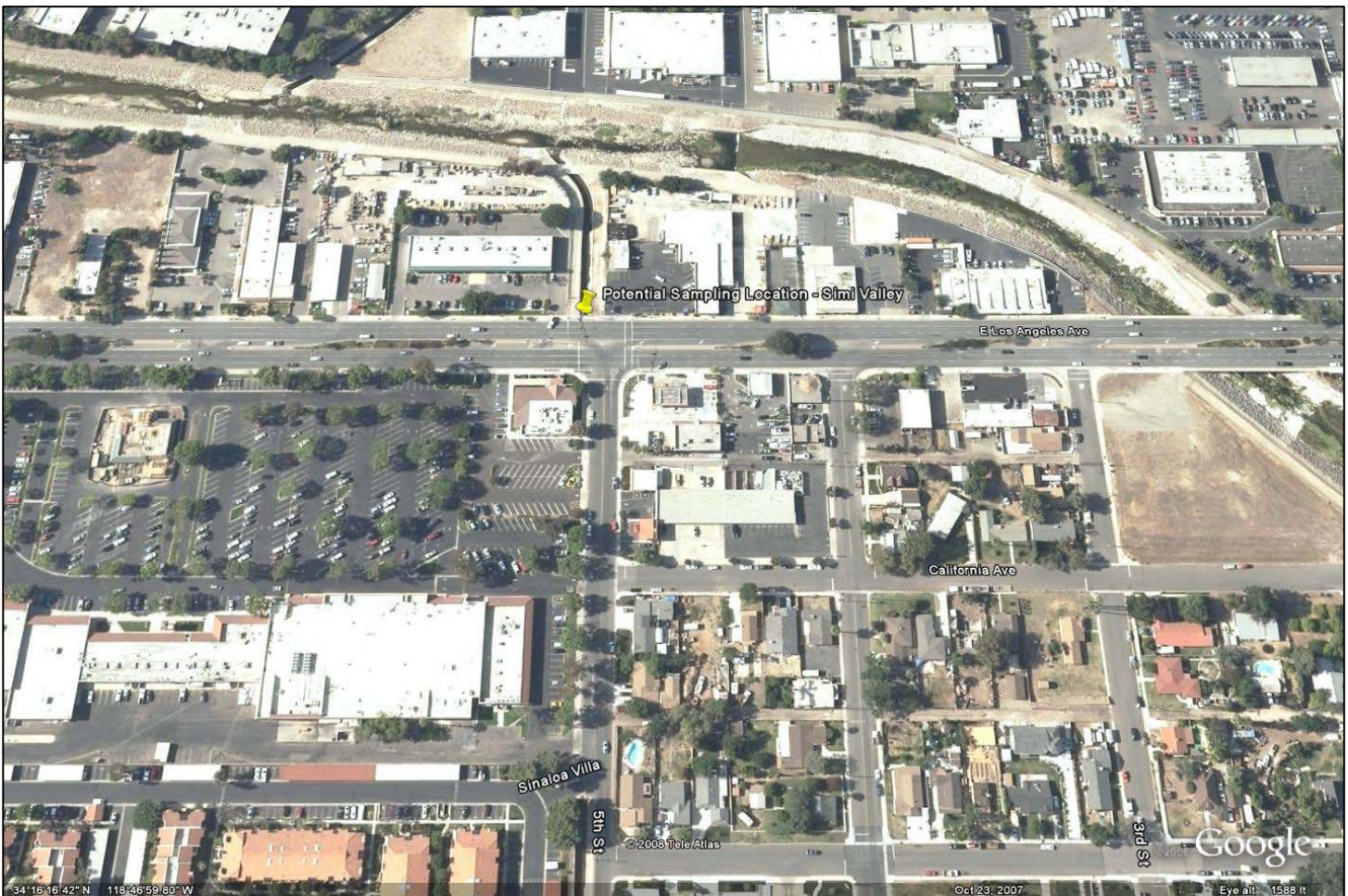
Pros: Likely well-defined rating table, located behind VCWPD gate

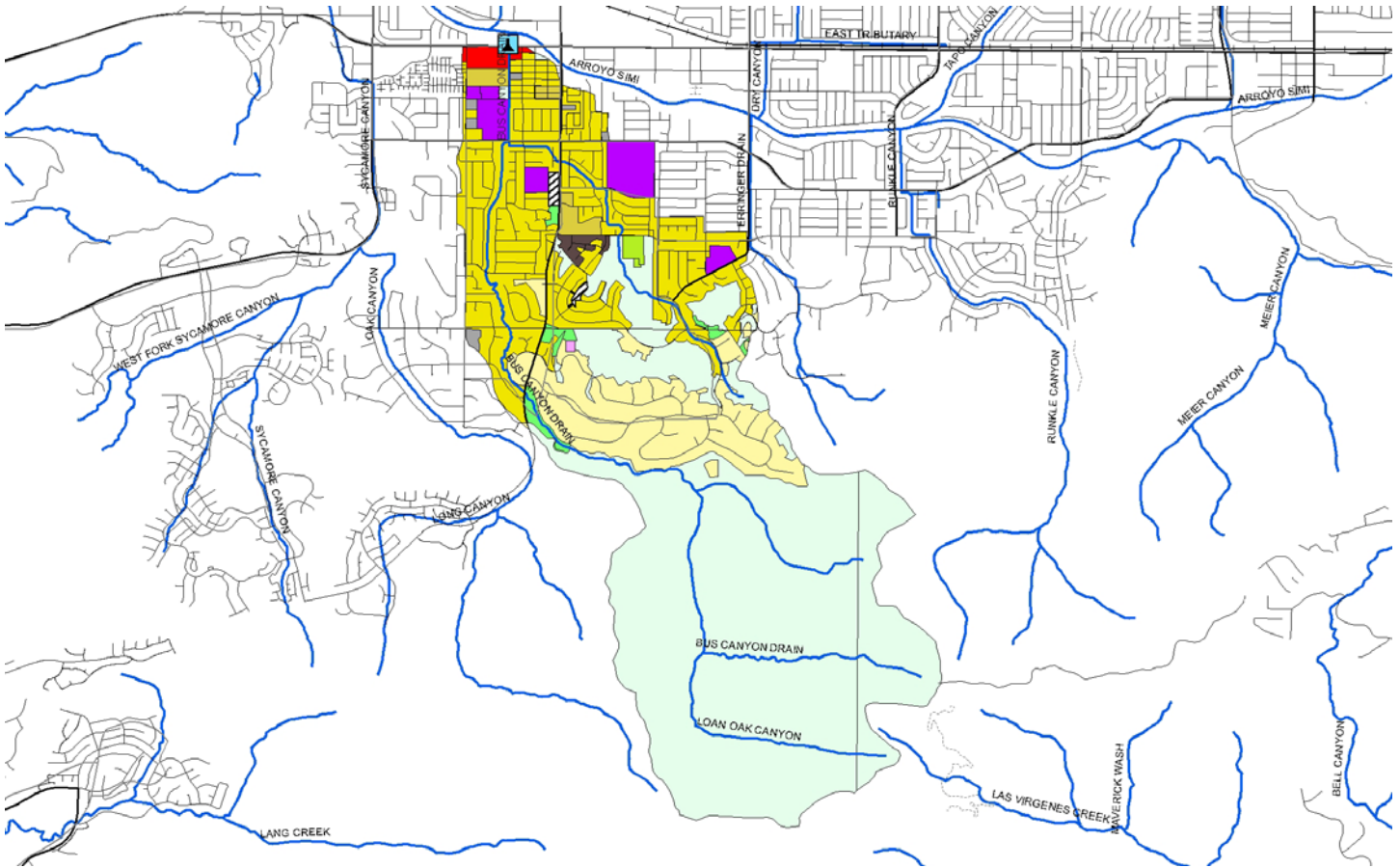
Cons: Pedestrian traffic on levee nearby

Outstanding Site Selection Tasks: Assess impacts of large groundwater discharge upstream, move sampling location shown on watershed map

Other Potential Sites: Upstream at 5th and Ventura Ave.

Dry Season Flow Potential: Likely year round flow due to urban runoff and groundwater discharge upstream





Entire City

| Land Use | Acres | % of Total Watershed |
|-------------------------|----------------|----------------------|
| Agriculture | 435.5 | 1.6% |
| Cemeteries | 34.3 | 0.1% |
| Com_Indus. Mix | 24.4 | 0.1% |
| Commercial | 1051.4 | 3.9% |
| Extraction | 111.8 | 0.4% |
| Facility | 217.1 | 0.8% |
| Industrial_1 | 50.3 | 0.2% |
| Industrial_3 | 353.3 | 1.3% |
| Industrial_4 | 5.9 | 0.0% |
| No Info Given | 382.0 | 1.5% |
| Recreation | 560.9 | 2.0% |
| Res.1 | 1025.0 | 3.7% |
| Res.2 | 586.0 | 2.2% |
| Res.3 | 7947.7 | 29.5% |
| Res.4 | 110.7 | 0.4% |
| Schools | 517.5 | 1.9% |
| Transportation | 546.9 | 2.0% |
| Under Construction | 385.6 | 1.4% |
| Utilities | 261.0 | 1.0% |
| Vacant Undifferentiated | 12291.5 | 45.6% |
| Totals | 26898.6 | 100.0% |

Selected Subwatershed

| Land Use | Acres | % of Total Watershed |
|-------------------------|---------------|----------------------|
| Agriculture | 33.0 | 1.0% |
| Cemeteries | 10.1 | 0.3% |
| Commercial | 22.6 | 0.7% |
| Facility | 12.9 | 0.4% |
| No Info Given | 9.4 | 0.3% |
| Res.1 | 395.5 | 11.9% |
| Res.2 | 40.3 | 1.2% |
| Res.3 | 782.9 | 23.6% |
| Schools | 96.7 | 2.9% |
| Under Construction | 15.5 | 0.5% |
| Utilities | 1.8 | 0.1% |
| Vacant Undifferentiated | 1900.0 | 57.2% |
| Totals | 3320.7 | 100.0% |

Thousand Oaks

Waterbody: North Fork Arroyo Conejo (tributary to Conejo Creek)

Location: Hill Canyon WWTP sampling location R-1(34°12'49.16"N, 118°55'16.24"W)

Pros: Very secure, helpful staff onsite, fairly well-defined channel, accessible via concrete stairs

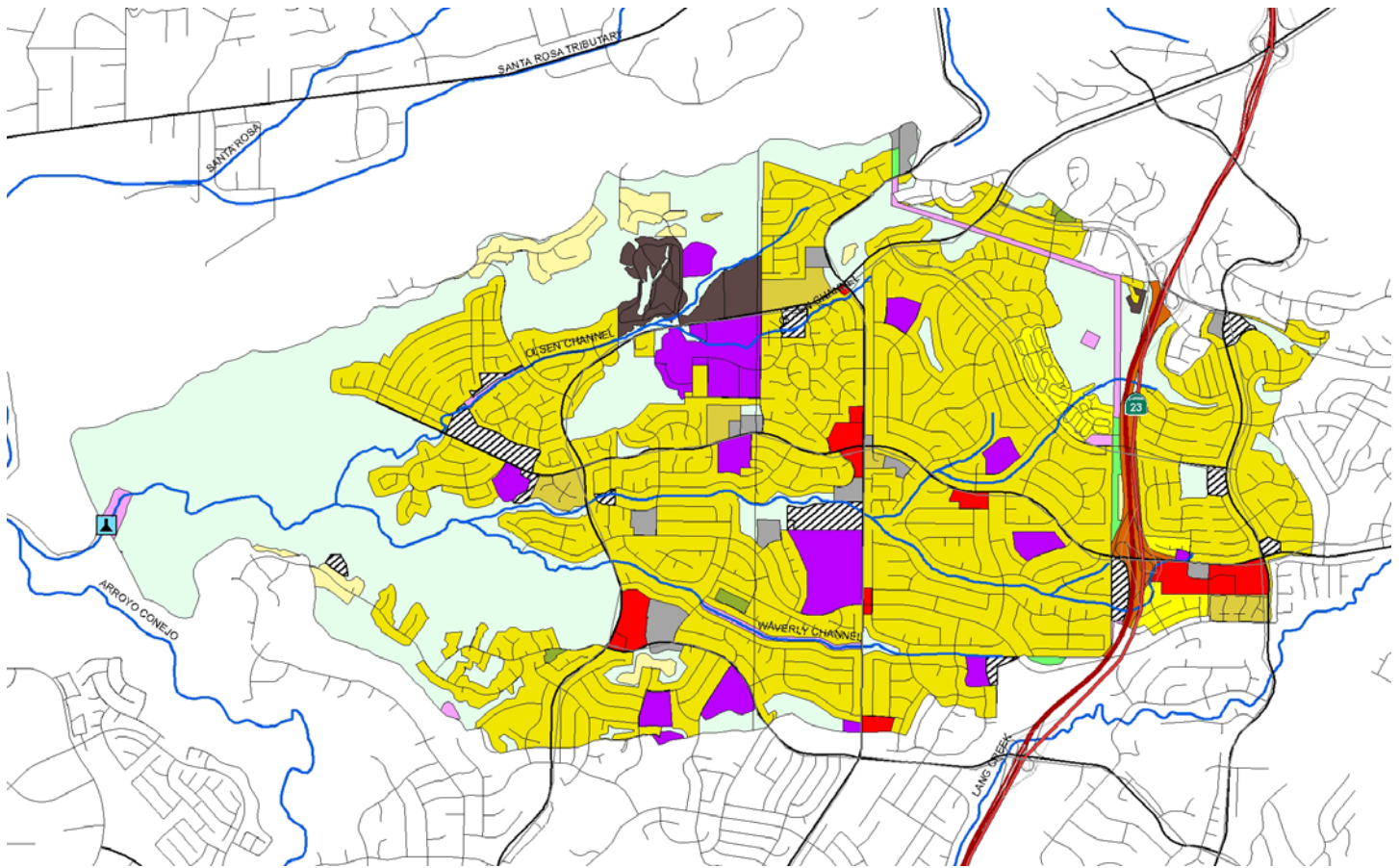
Cons: Late-night access to WWTP could present problem

Outstanding Site Selection Tasks: None

Other Potential Sites: None

Dry Season Flow Potential: Likely year-round flow due to urban runoff





Entire City

| Land Use | Acres | % of Total Watershed |
|-------------------------|----------------|----------------------|
| Agriculture | 207.0 | 0.6% |
| Com_Indus. Mix | 23.2 | 0.1% |
| Commercial | 1499.7 | 4.2% |
| Extraction | 9.0 | 0.0% |
| Facility | 291.6 | 0.8% |
| Industrial_1 | 94.3 | 0.3% |
| Industrial_3 | 457.7 | 1.3% |
| No Info Given | 459.2 | 1.3% |
| Recreation | 574.2 | 1.7% |
| Res.1 | 1683.9 | 4.7% |
| Res.2 | 1000.3 | 2.8% |
| Res.3 | 9323.6 | 26.4% |
| Res.4 | 288.1 | 0.8% |
| Schools | 587.6 | 1.7% |
| Transportation | 605.4 | 1.7% |
| Under Construction | 281.6 | 0.8% |
| Utilities | 260.6 | 0.7% |
| Vacant Undifferentiated | 17465.1 | 49.7% |
| Totals | 35111.8 | 100.0% |

Selected Subwatershed

| Land Use | Acres | % of Total Watershed |
|-------------------------|---------------|----------------------|
| Agriculture | 13.5 | 0.3% |
| Commercial | 83.5 | 1.6% |
| Facility | 67.3 | 1.3% |
| No Info Given | 95.4 | 1.8% |
| Recreation | 8.7 | 0.2% |
| Res.1 | 89.8 | 1.7% |
| Res.2 | 71.5 | 1.4% |
| Res.3 | 2643.8 | 51.0% |
| Res.4 | 84.0 | 1.6% |
| Schools | 224.2 | 4.3% |
| Transportation | 61.5 | 1.2% |
| Under Construction | 79.4 | 1.5% |
| Utilities | 53.3 | 1.0% |
| Vacant Undifferentiated | 1603.6 | 31.0% |
| Totals | 5179.3 | 100.0% |

Ventura

Waterbody: Moon Ditch (tributary to Santa Clara River)

Location: Between Leland St. and US 101, north of Johnson Dr. (34°14'35.86"N, 119°11'40.86"W)

Pros: Likely well-defined rating table, fairly good protection (located behind VCWPD gate)

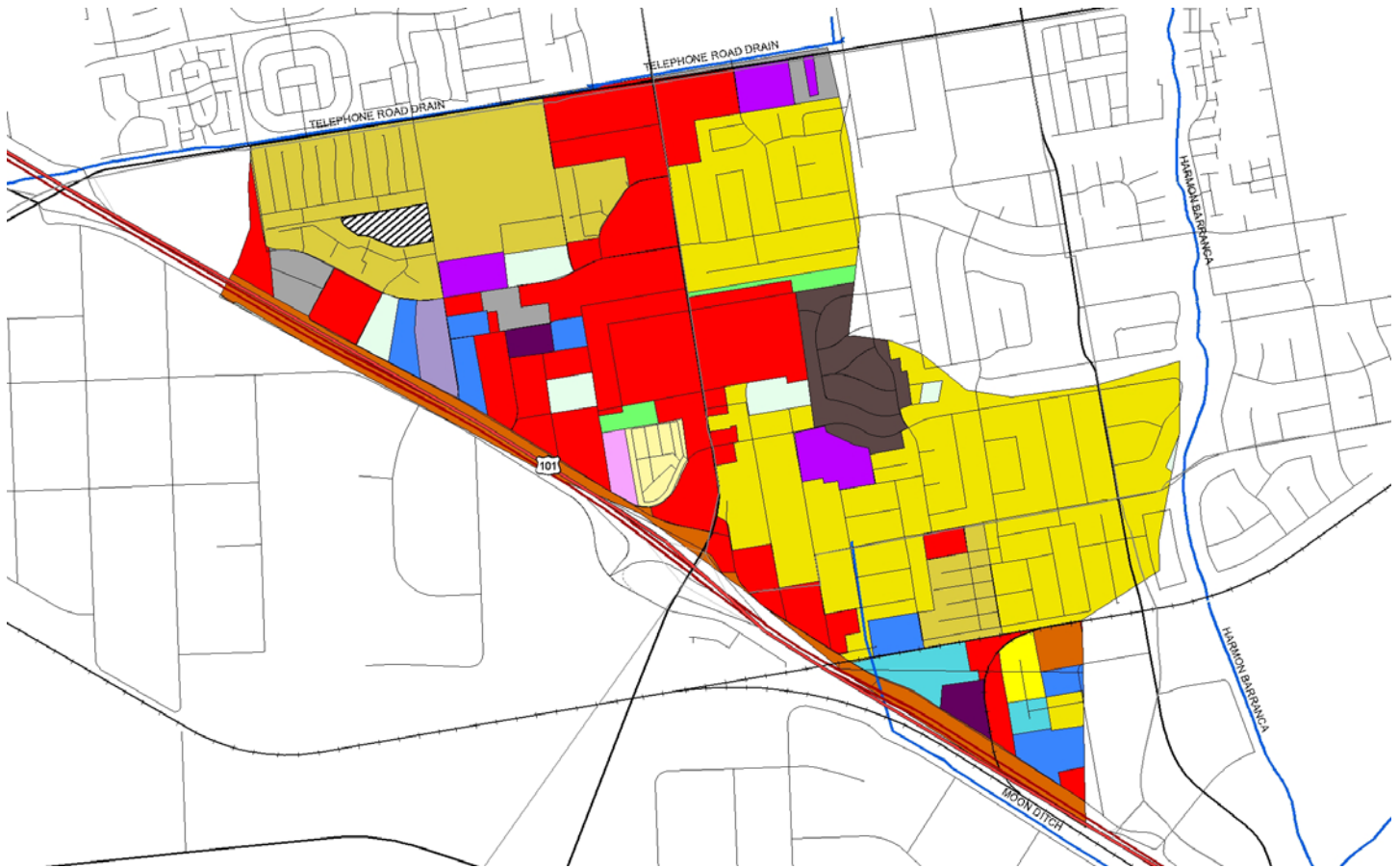
Cons: Wide concrete bottom will spread out low flows, placement of intake somewhat difficult

Outstanding Site Selection Tasks: None

Other Potential Sites: None

Dry Season Flow Potential: Likely intermittent year-round flow due to urban runoff





Entire City

| Land Use | Acres | % of Total Watershed |
|-------------------------|----------------|----------------------|
| Agriculture | 667.6 | 4.7% |
| Cemeteries | 72.6 | 0.5% |
| Com_Indus. Mix | 95.4 | 0.7% |
| Commercial | 1402.9 | 10.0% |
| Extraction | 39.2 | 0.3% |
| Facility | 303.8 | 2.2% |
| Industrial_1 | 90.5 | 0.6% |
| Industrial_3 | 619.6 | 4.5% |
| Military_2 | 3.6 | 0.0% |
| No Info Given | 285.7 | 2.1% |
| Recreation | 516.3 | 3.7% |
| Res.1 | 361.1 | 2.6% |
| Res.2 | 924.0 | 6.6% |
| Res.3 | 5209.6 | 37.2% |
| Res.4 | 72.4 | 0.5% |
| Res.5 | 2.8 | 0.0% |
| Schools | 495.8 | 3.6% |
| Transportation | 570.0 | 4.1% |
| Under Construction | 73.7 | 0.5% |
| Utilities | 125.4 | 0.9% |
| Vacant Undifferentiated | 2018.1 | 14.4% |
| Water | 61.5 | 0.4% |
| Totals | 14011.6 | 100.0% |

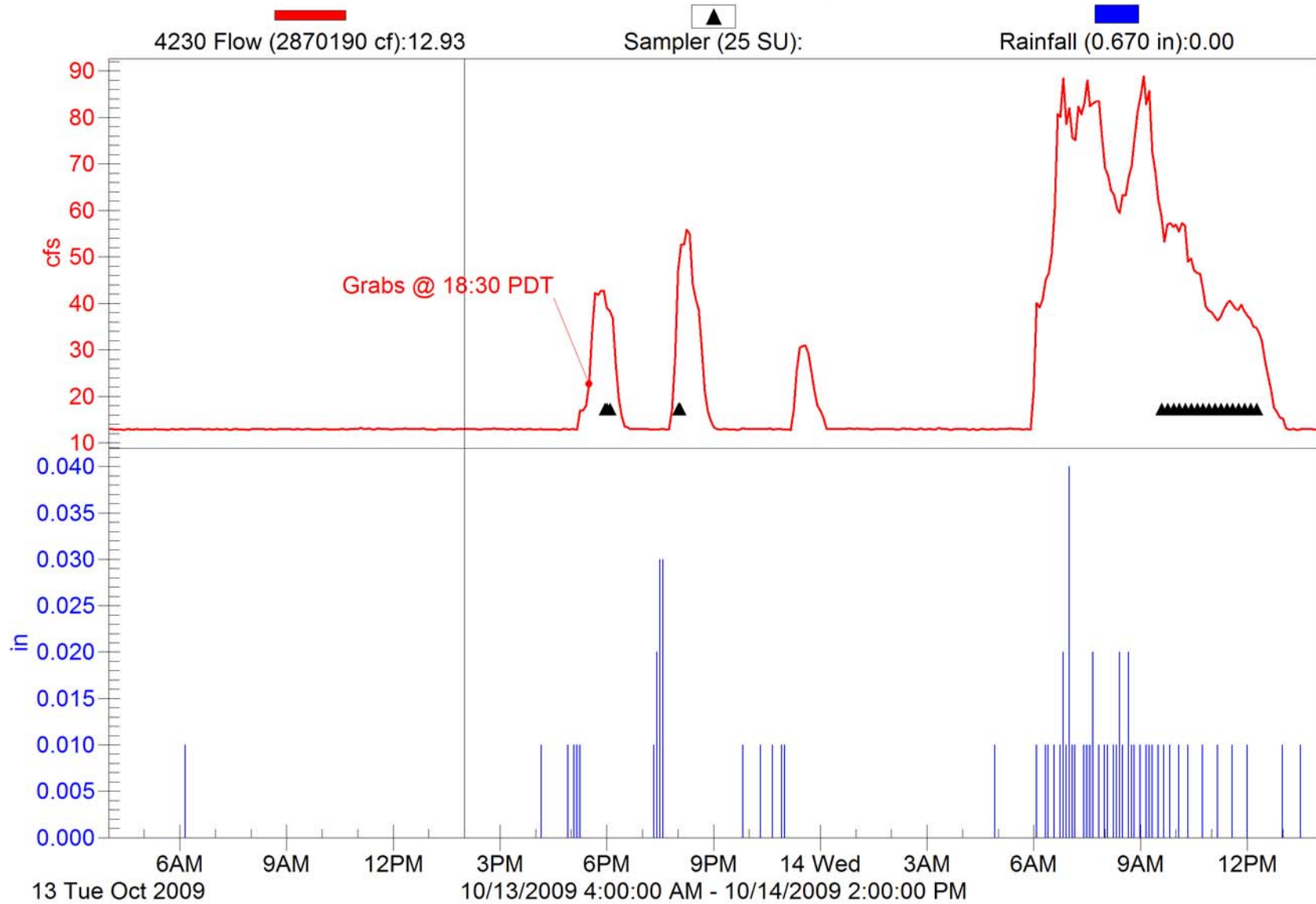
Selected Subwatershed

| Land Use | Acres | % of Total Watershed |
|-------------------------|--------------|----------------------|
| Agriculture | 5.8 | 0.8% |
| Com_Indus. Mix | 6.5 | 0.9% |
| Commercial | 171.7 | 24.3% |
| Extraction | 6.3 | 0.9% |
| Facility | 14.6 | 2.1% |
| Industrial_1 | 10.8 | 1.5% |
| Industrial_3 | 23.0 | 3.2% |
| No Info Given | 5.4 | 0.8% |
| Res.1 | 8.7 | 1.2% |
| Res.2 | 109.1 | 15.4% |
| Res.3 | 234.8 | 33.2% |
| Res.4 | 4.8 | 0.7% |
| Schools | 18.4 | 2.6% |
| Transportation | 40.7 | 5.8% |
| Under Construction | 26.6 | 3.8% |
| Utilities | 3.5 | 0.5% |
| Vacant Undifferentiated | 16.3 | 2.3% |
| Totals | 707.1 | 100.0% |

Appendix B. Event Hydrographs

Camarillo-1

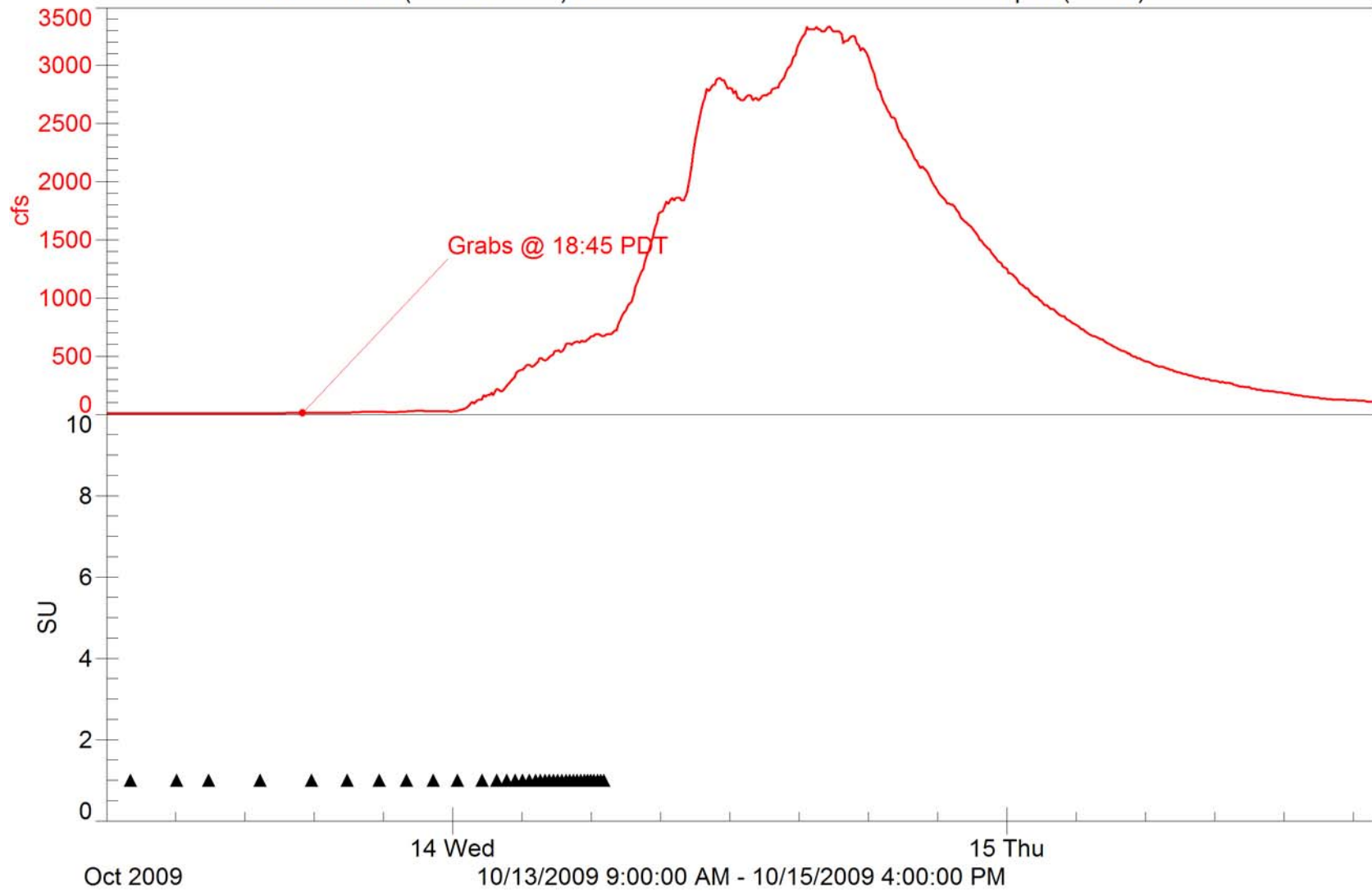
2009/10 NPDES Event #1 (Wet)



ME-CC
2009/10 NPDES Event #1 (Wet)

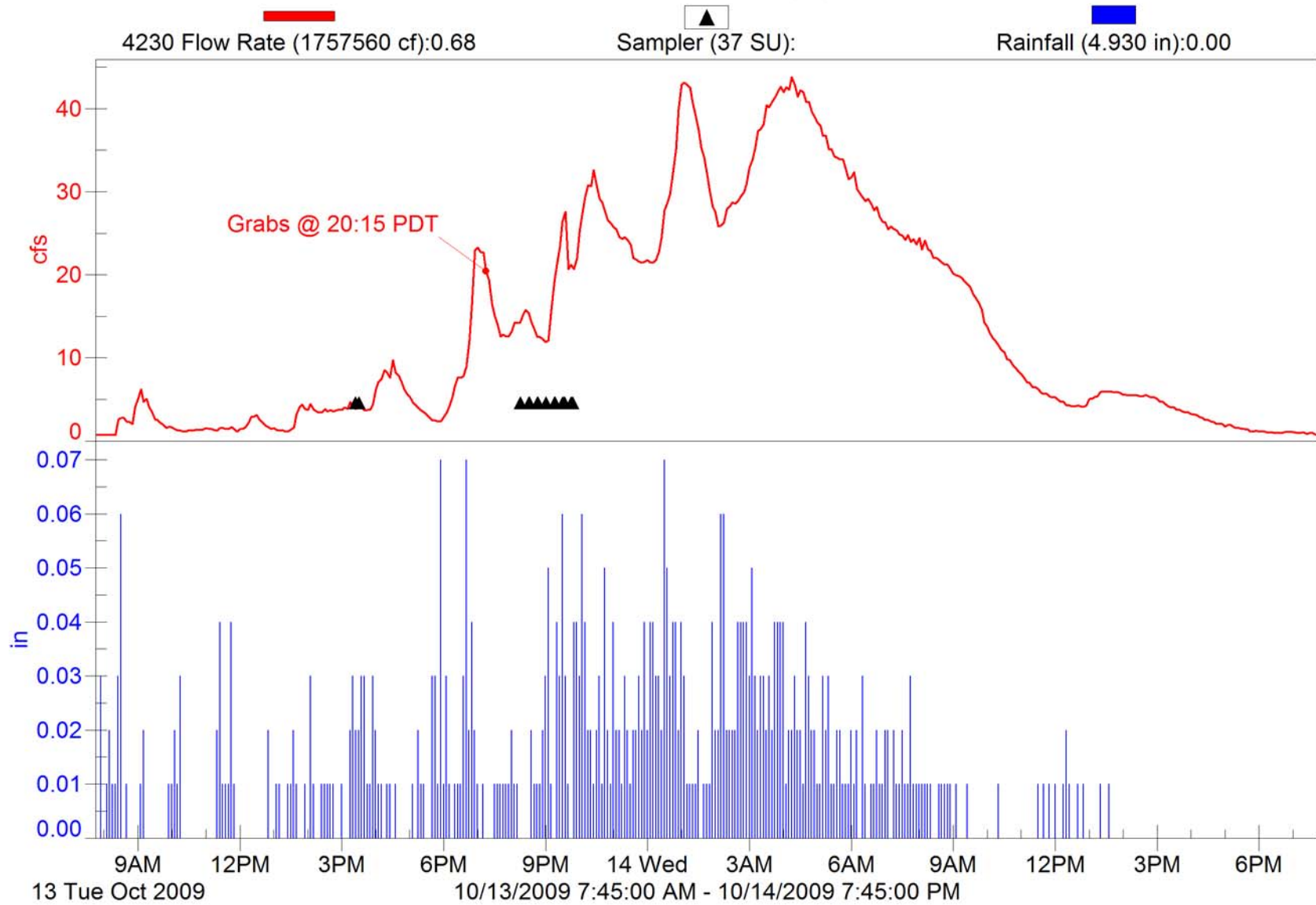
4230 Flow Rate (178531000 cf):7.20

Sampler (35 SU):



Meiners Oaks-1

2009/10 NPDES Event #1 (Wet)



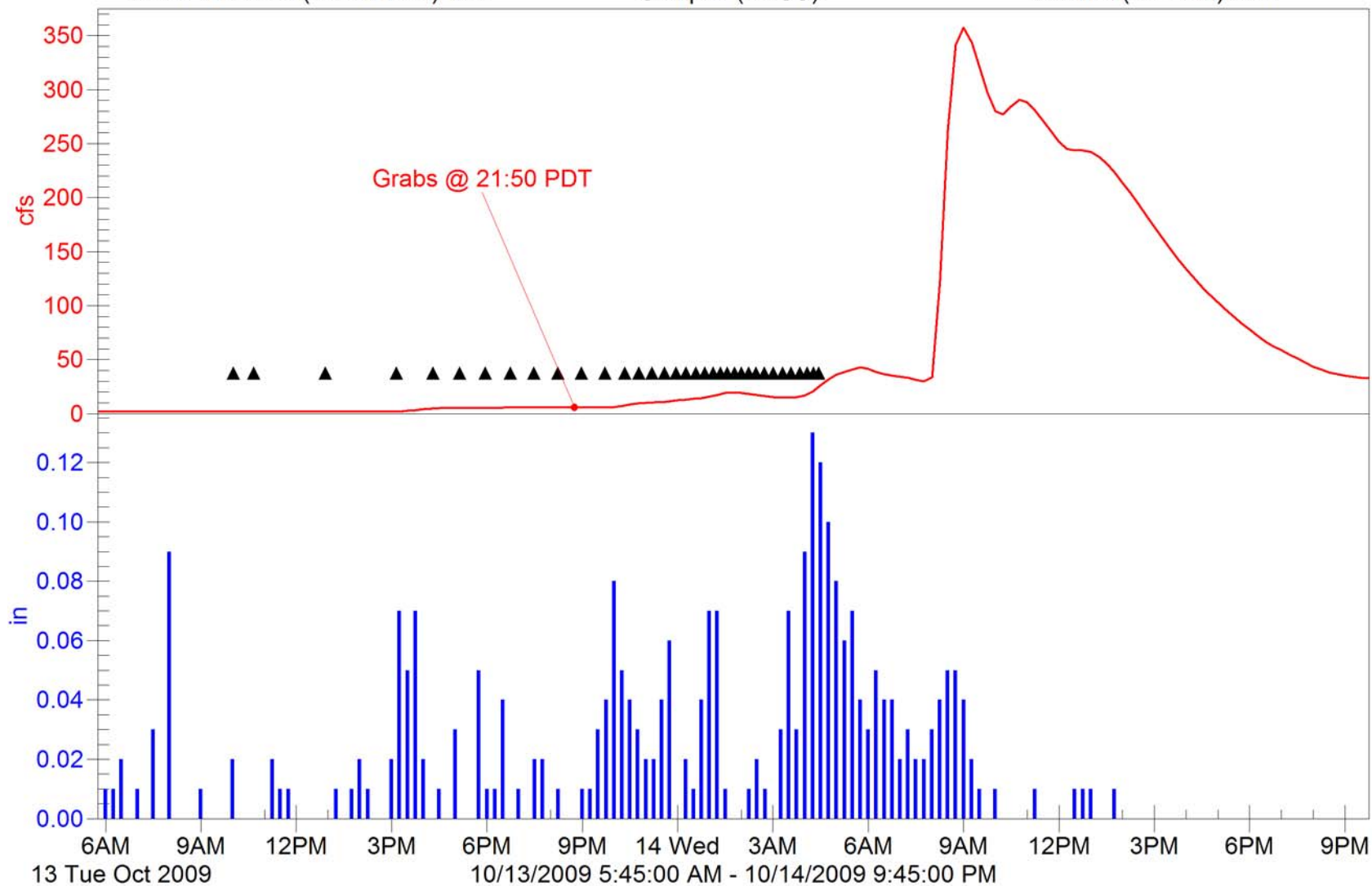
ME-VR2

2009/10 NPDES Event #1 (Wet)

4230 Flow Rate (9323940 cf):1.82

Sampler (35 SU):

Rainfall (2.790 in):0.00



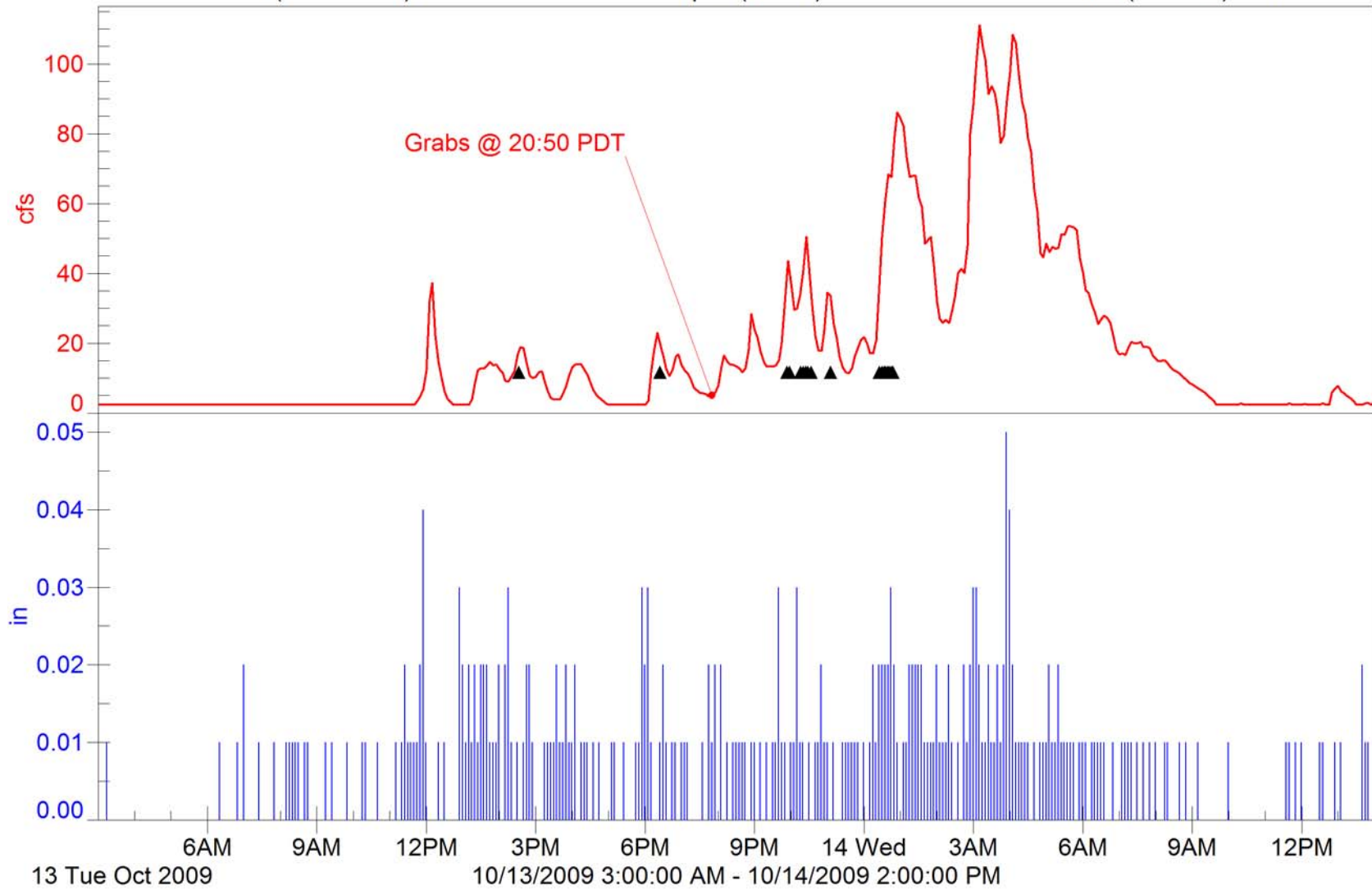
Ojai-1

2009/10 Event #1 (Wet)

4230 Flow (2254650 cf):2.46

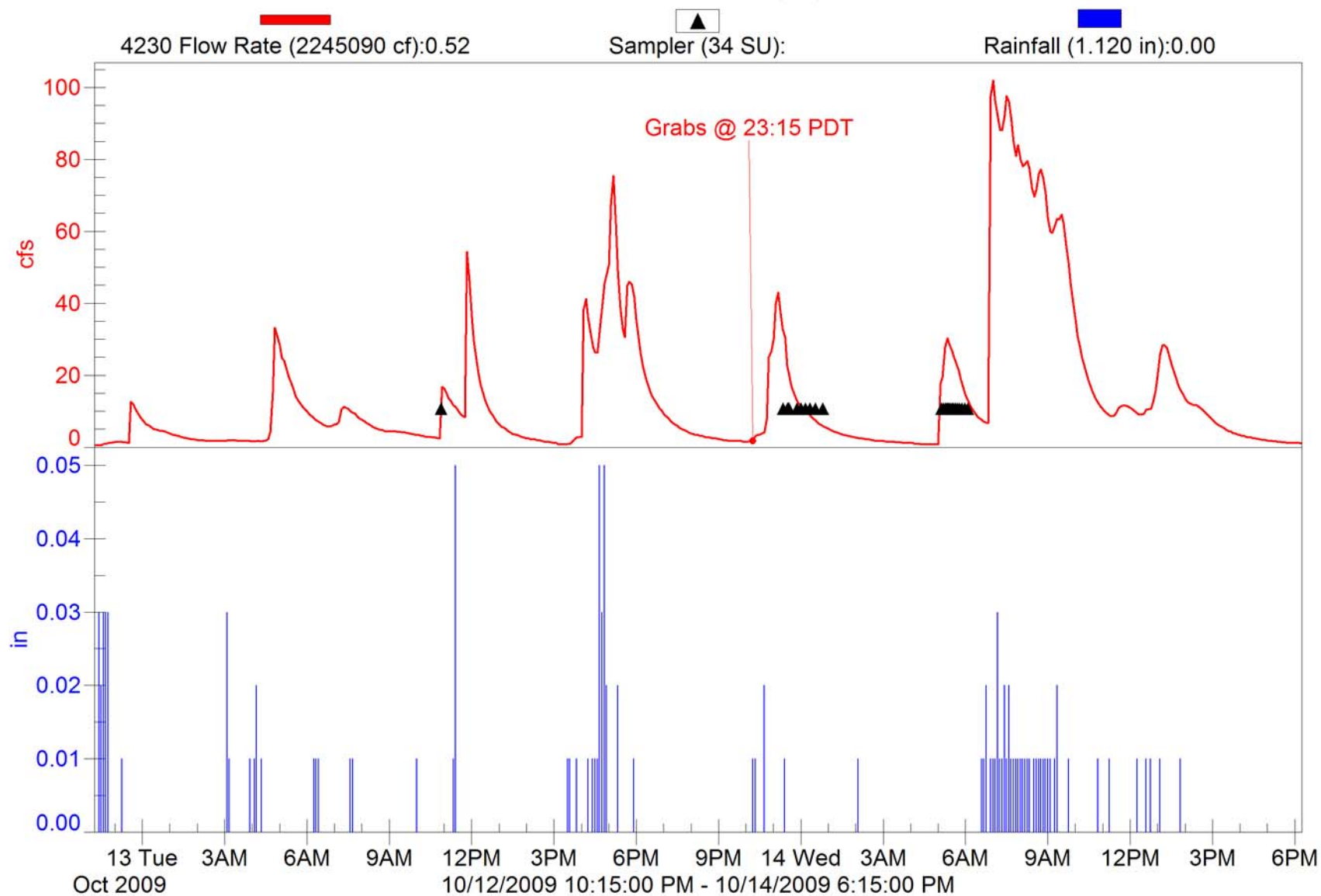
Sampler (18 SU):

Rainfall (2.950 in):0.00



Ventura-1

2009/10 NPDES Event #1 (Wet)



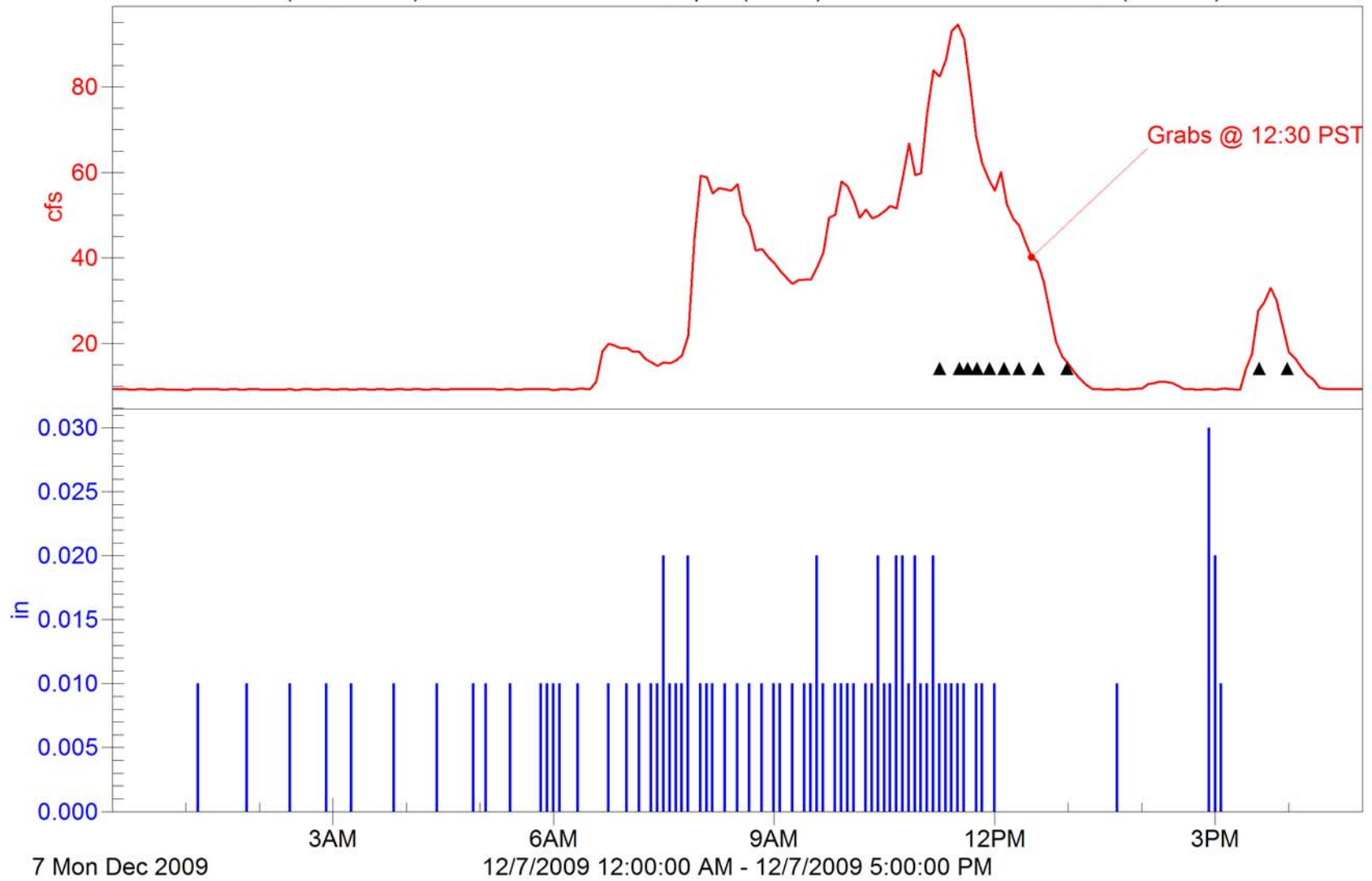
Camarillo-1

2009/10 NPDES Event #2 (Wet)

4230 Flow (1451460 cf):9.26

Sampler (11 SU):

Rainfall (0.780 in):0.00

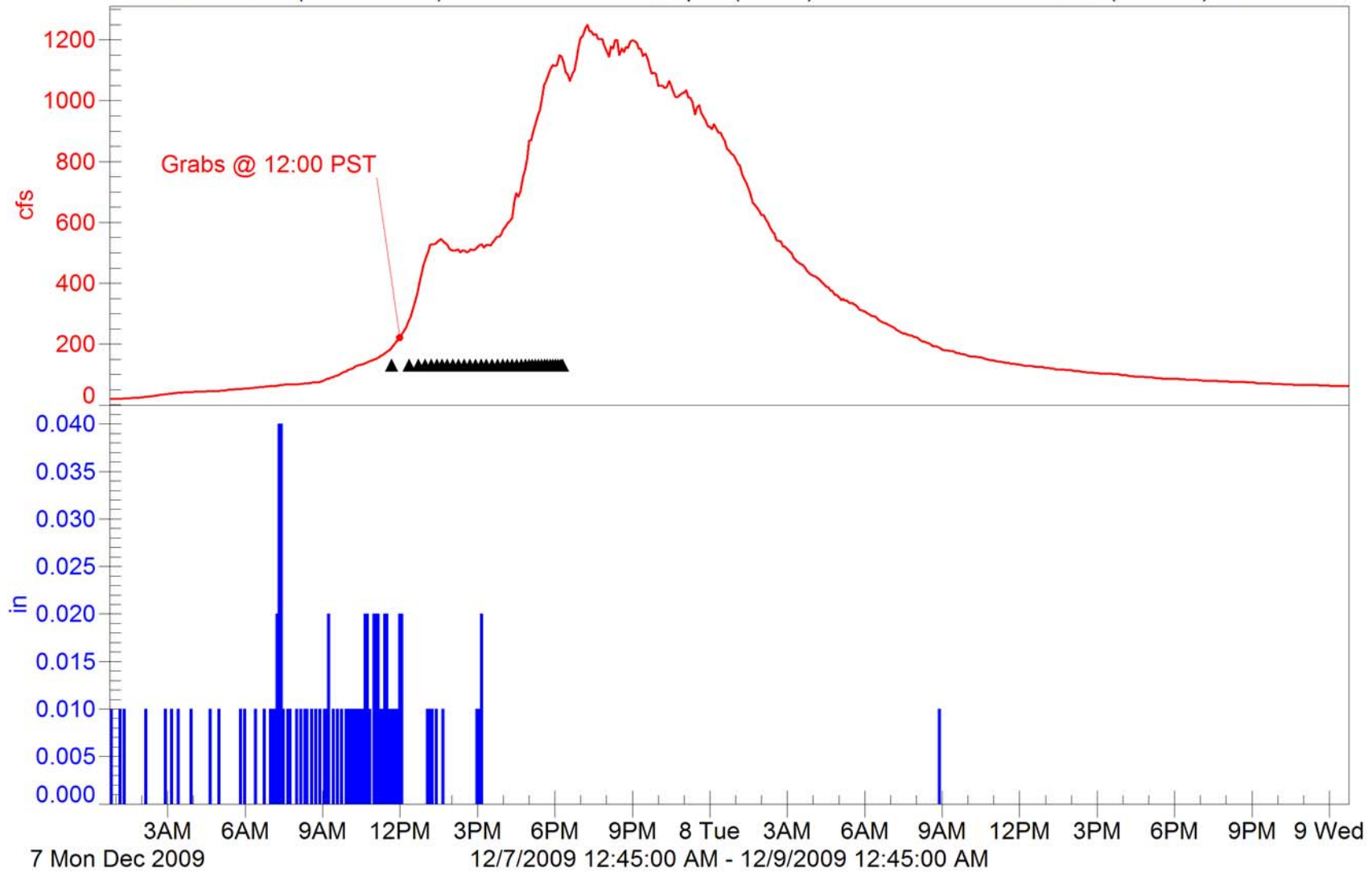


ME-CC
2009/10 NPDES Event #2 (Wet)

4230 Flow Rate (60073500 cf):18.92

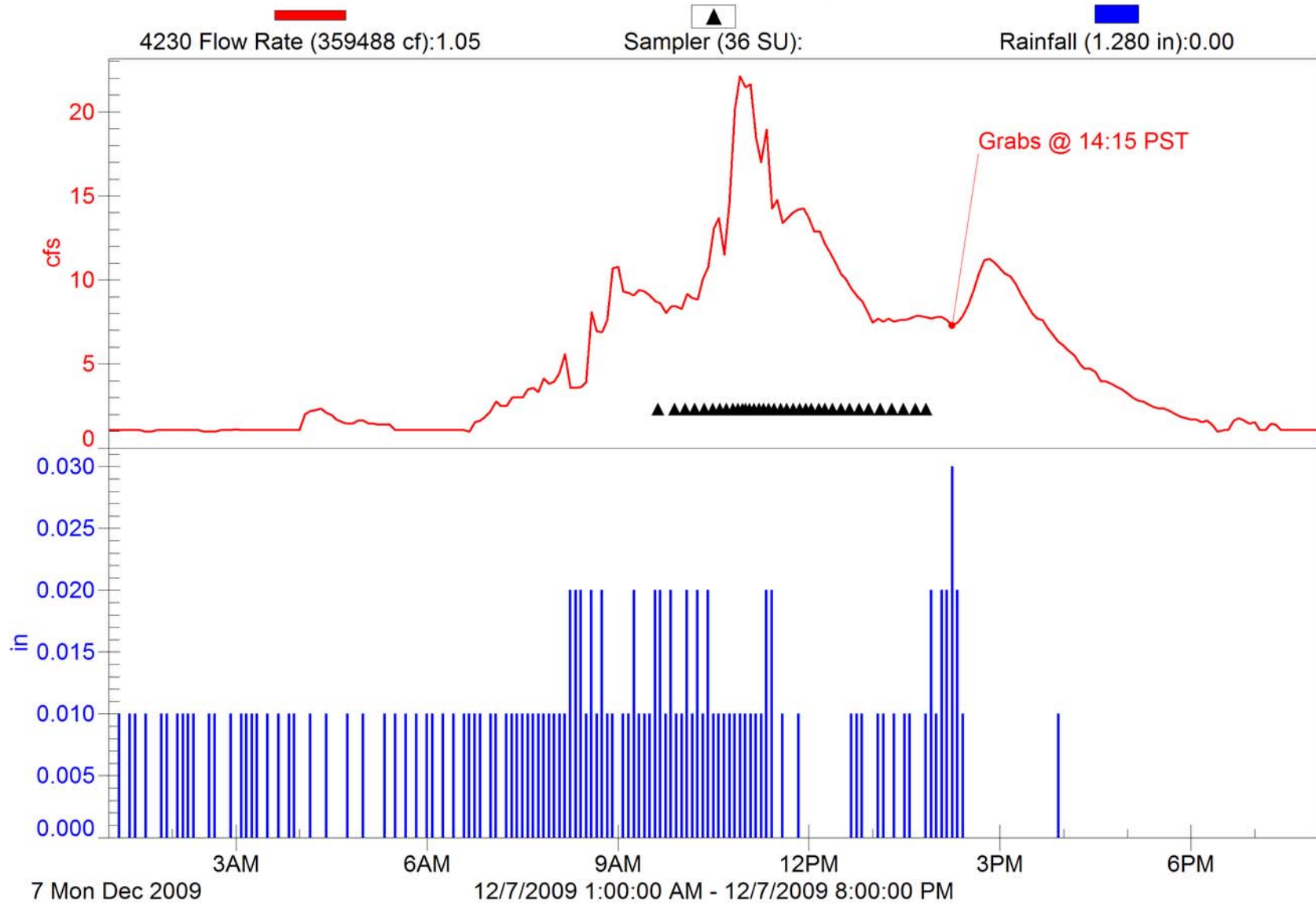
Sampler (36 SU):

Rainfall (0.890 in):0.00



Meiners Oaks-1

2009/10 NPDES Event #2 (Wet)



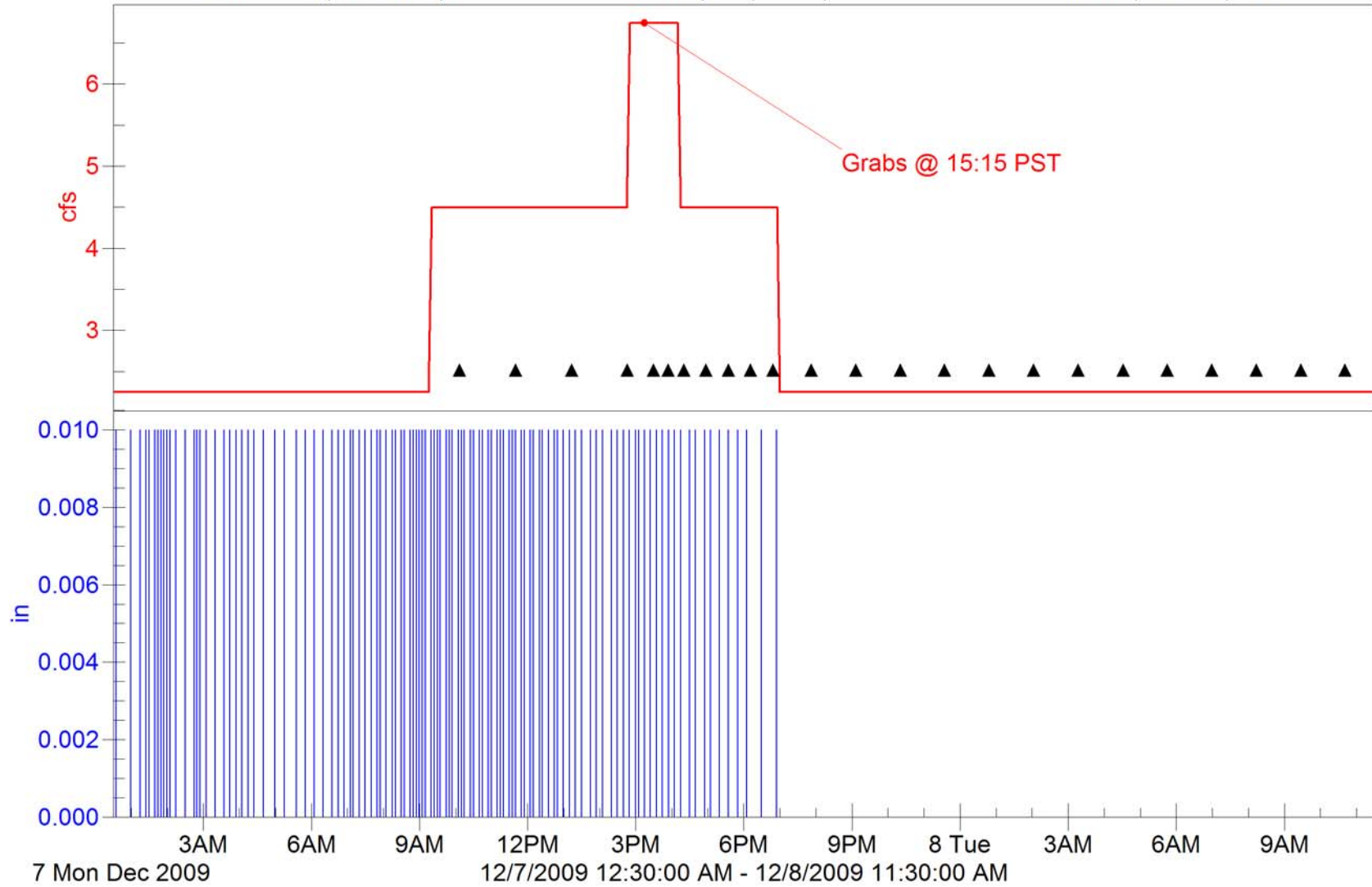
ME-VR2

2009/10 NPDES Event #2 (Wet)

4230 Flow Rate (372948 cf):2.25

Sampler (24 SU):

Rainfall (1.130 in):0.00



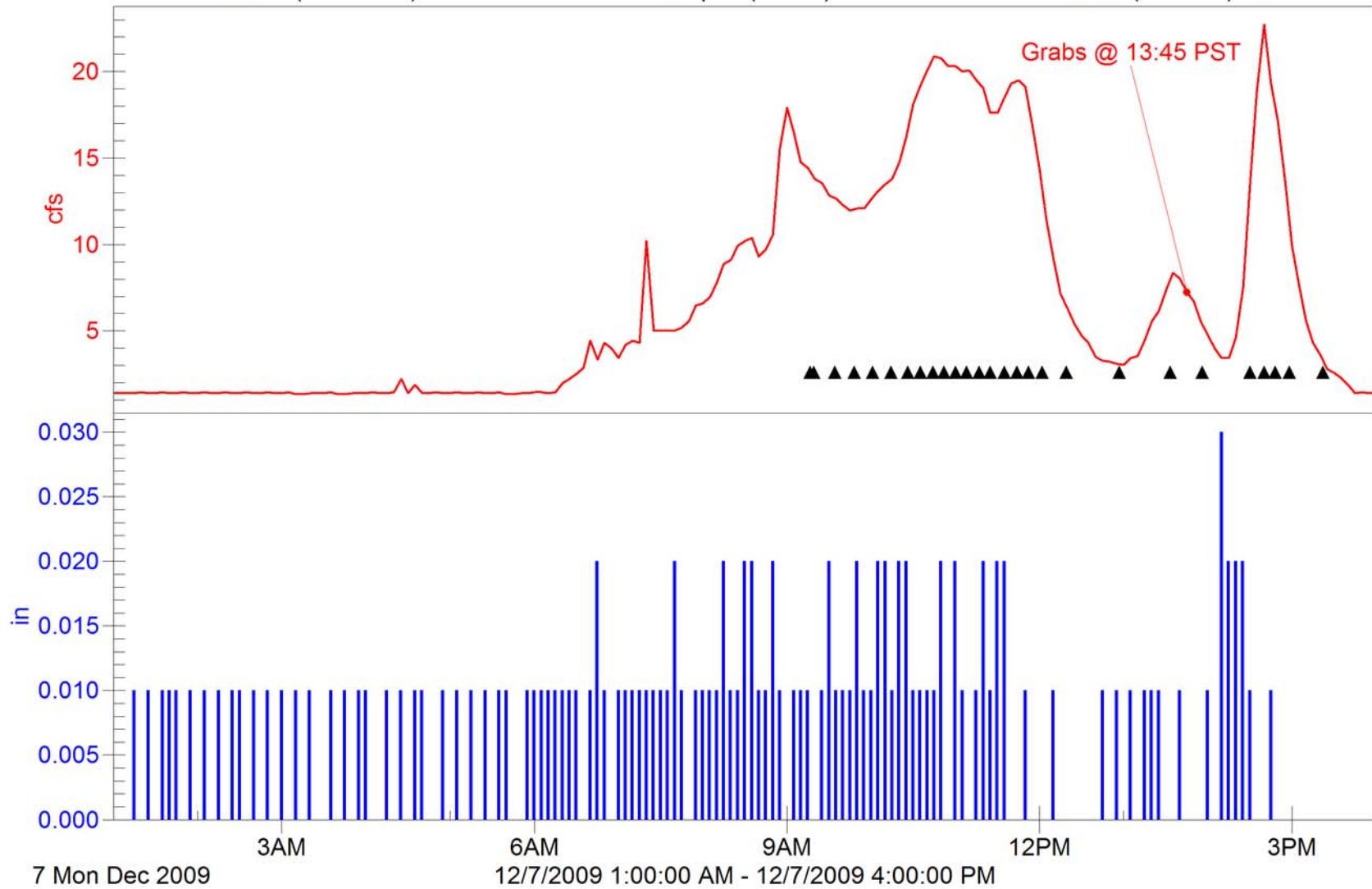
Ojai-1

2009/10 NPDES Event #2 (Wet)

4230 Flow (364209 cf):1.39

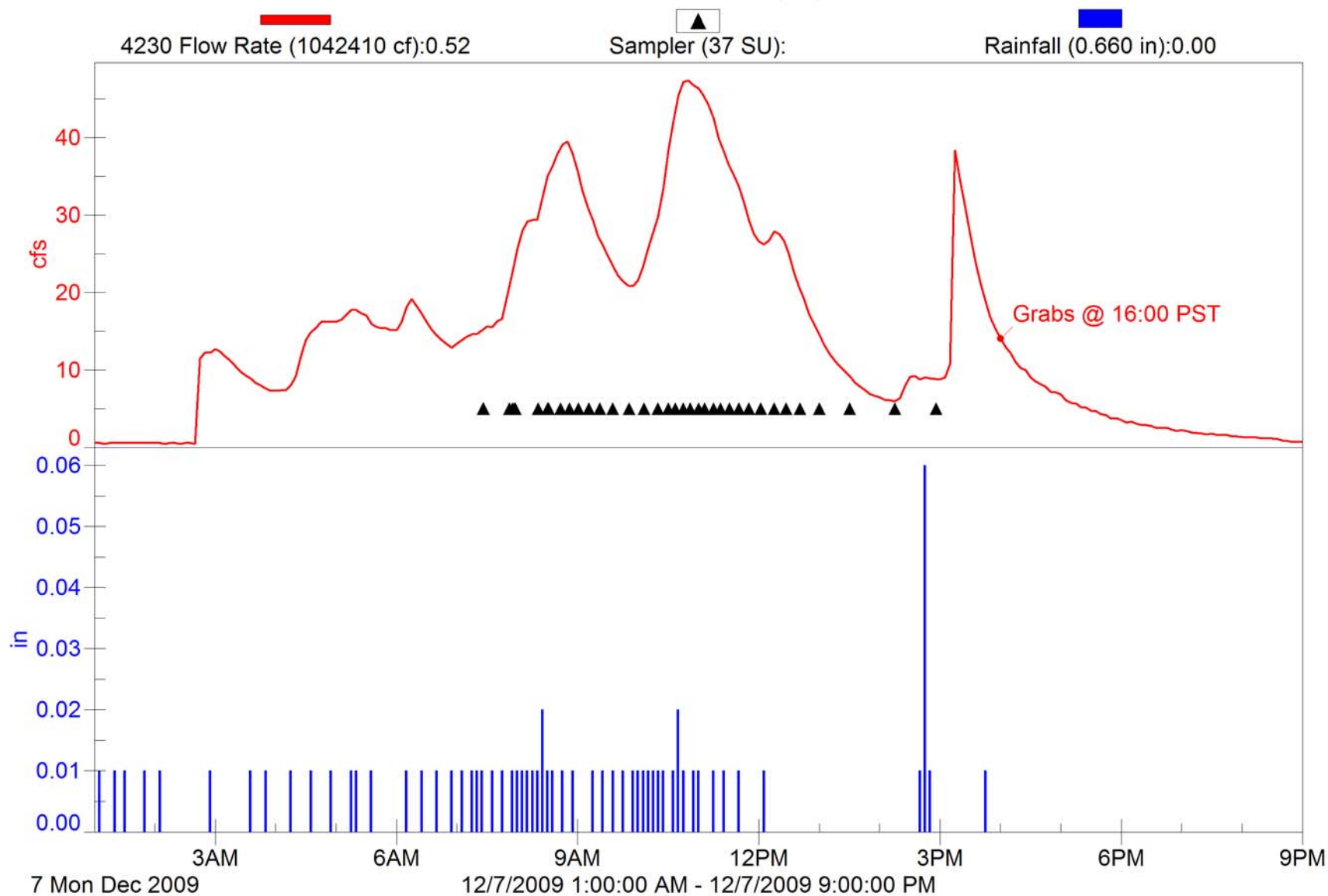
Sampler (27 SU):

Rainfall (1.290 in):0.00



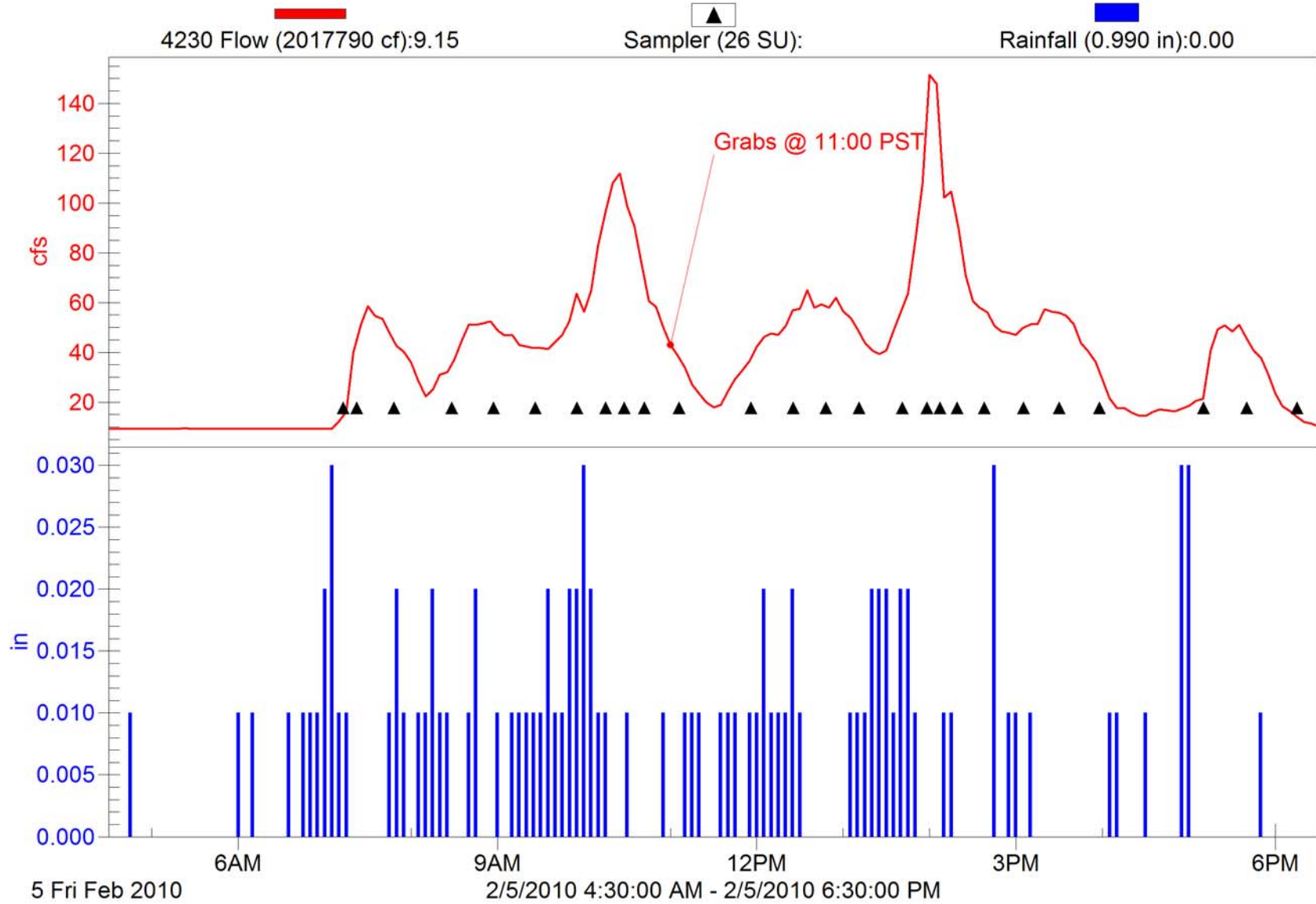
Ventura-1

2009/10 NPDES Event #2 (Wet)



Camarillo-1

2009/10 NPDES Event #3 (Wet)

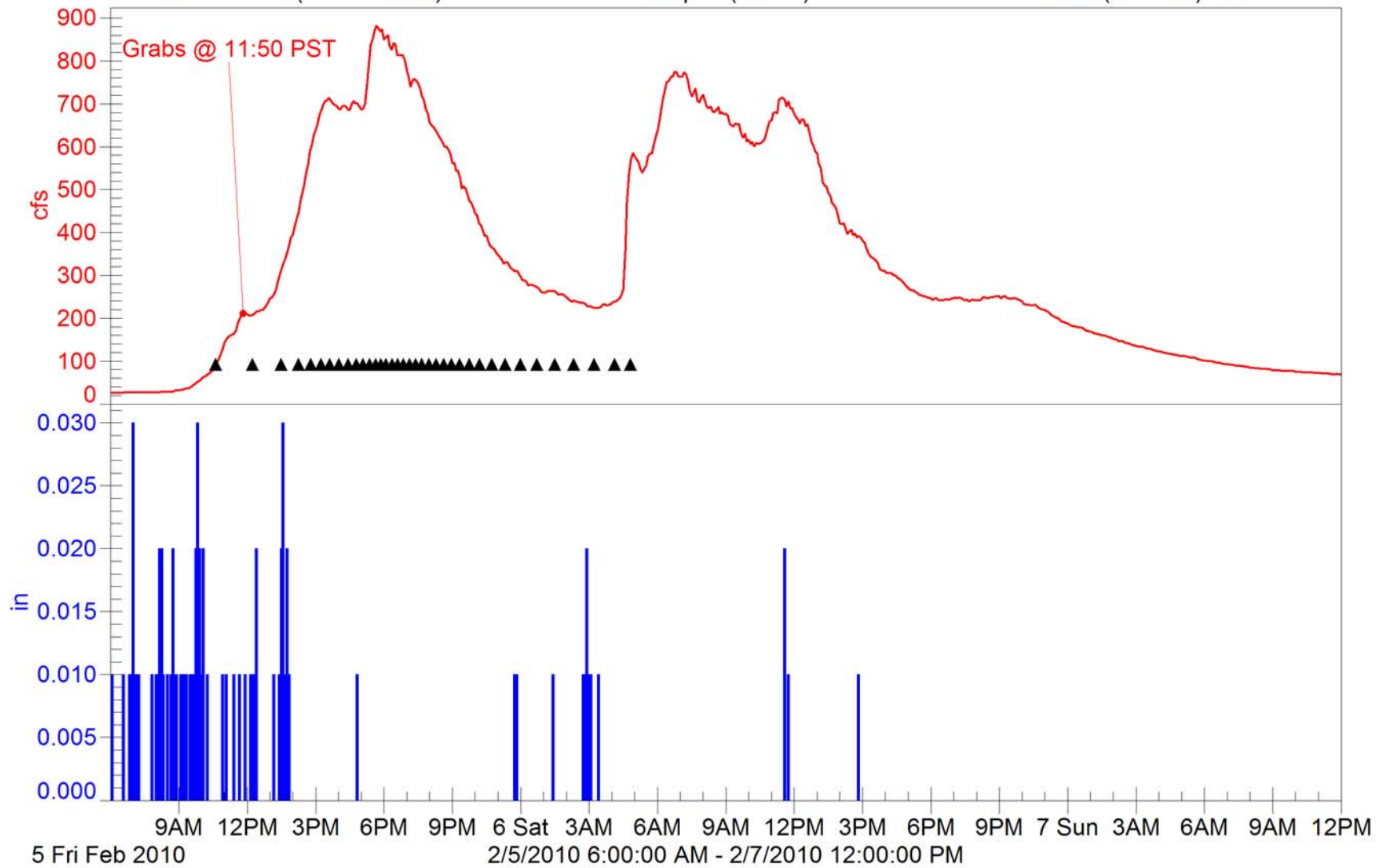


ME-CC
2009/10 NPDES Event #3 (Wet)

4230 Flow Rate (65761100 cf):25.54

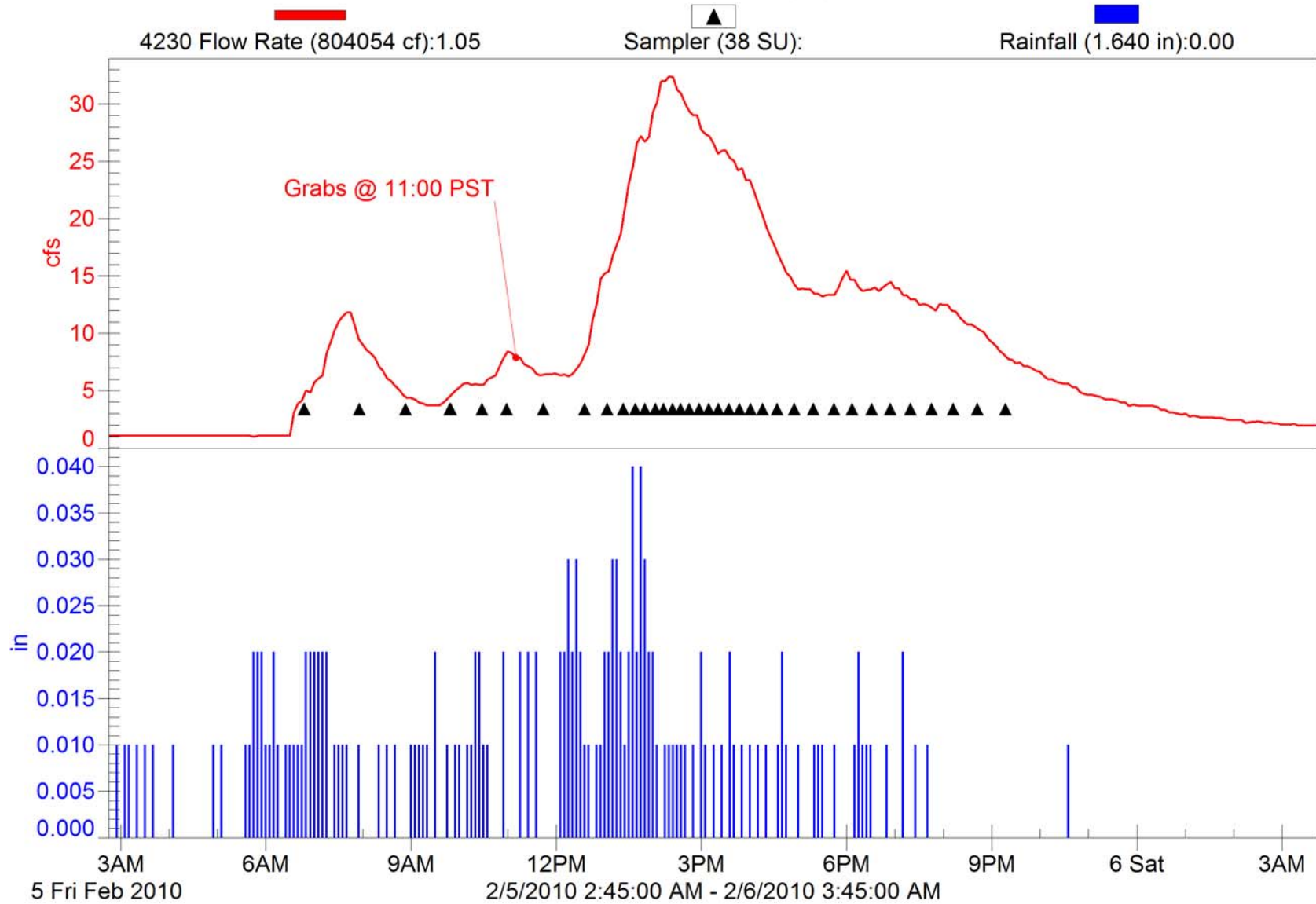
Sampler (37 SU):

Rainfall (0.780 in):0.00



Meiners Oaks-1

2009/10 NPDES Event #3 (Wet)



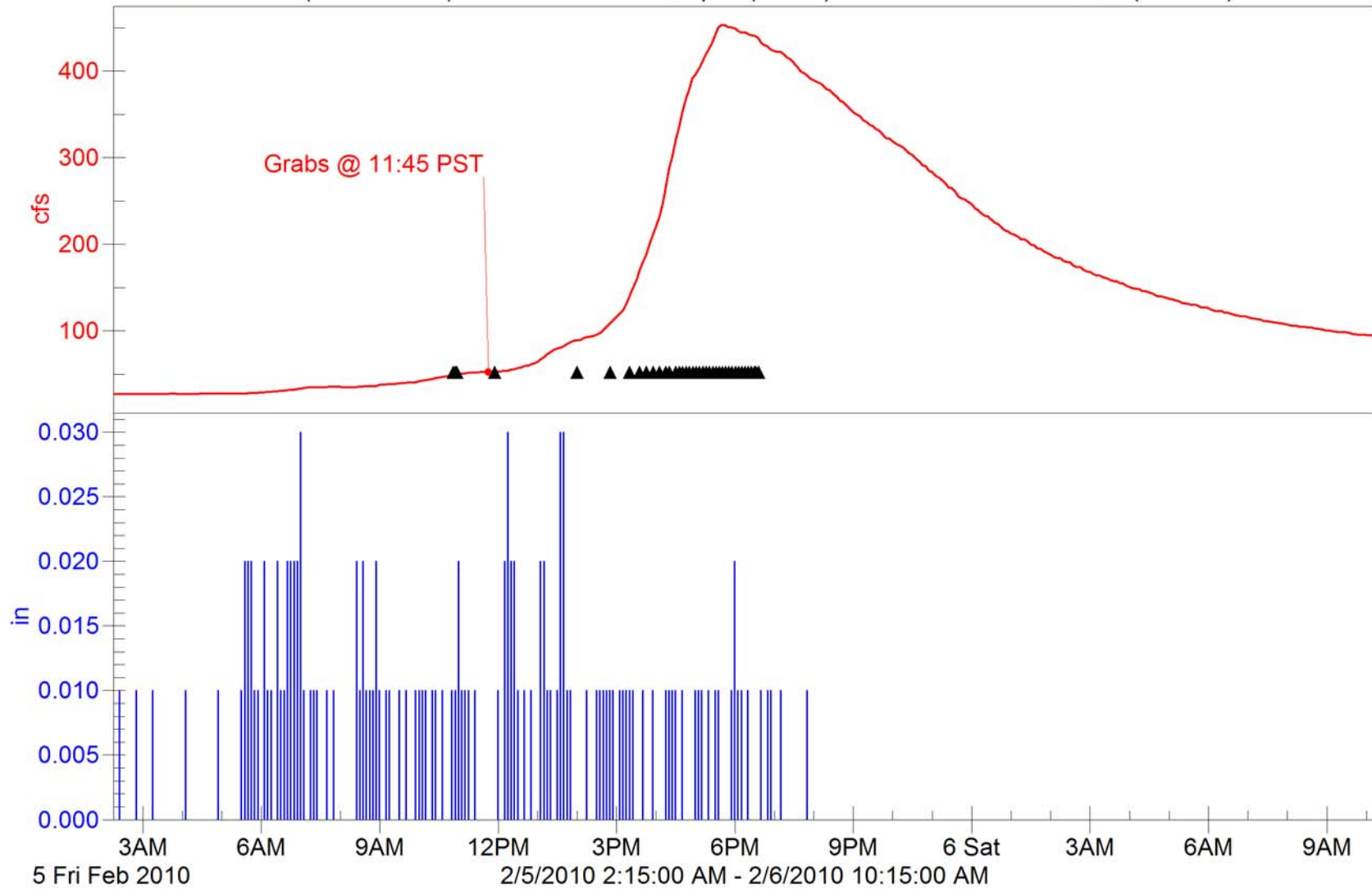
ME-VR2

2009/10 NPDES Event #3 (Wet)

4230 Flow Rate (18391600 cf):26.68

Sampler (40 SU):

Rainfall (1.330 in):0.00



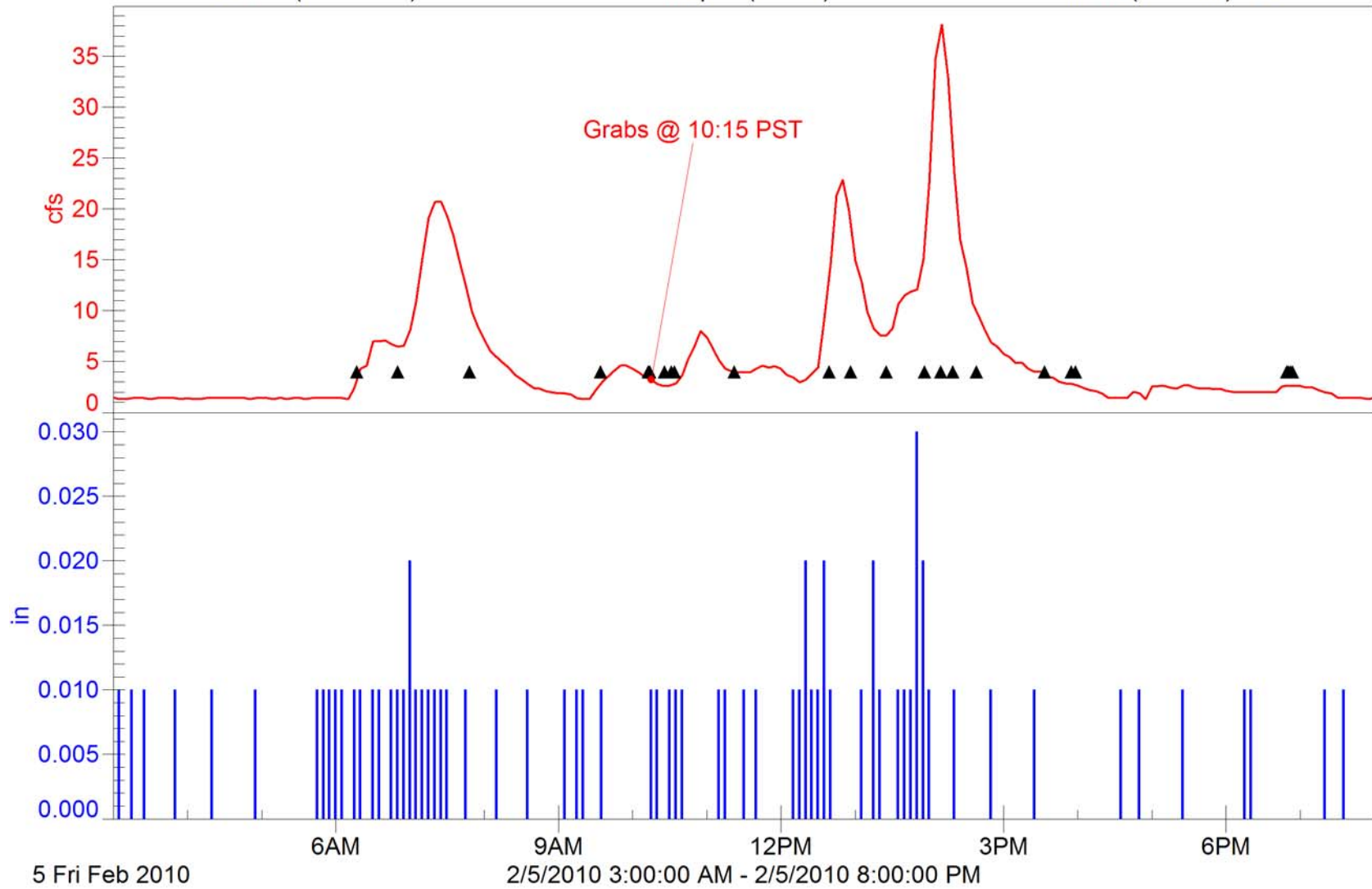
Ojai-1

2009/10 NPDES Event #3 (Wet)

4230 Flow (325362 cf):1.46

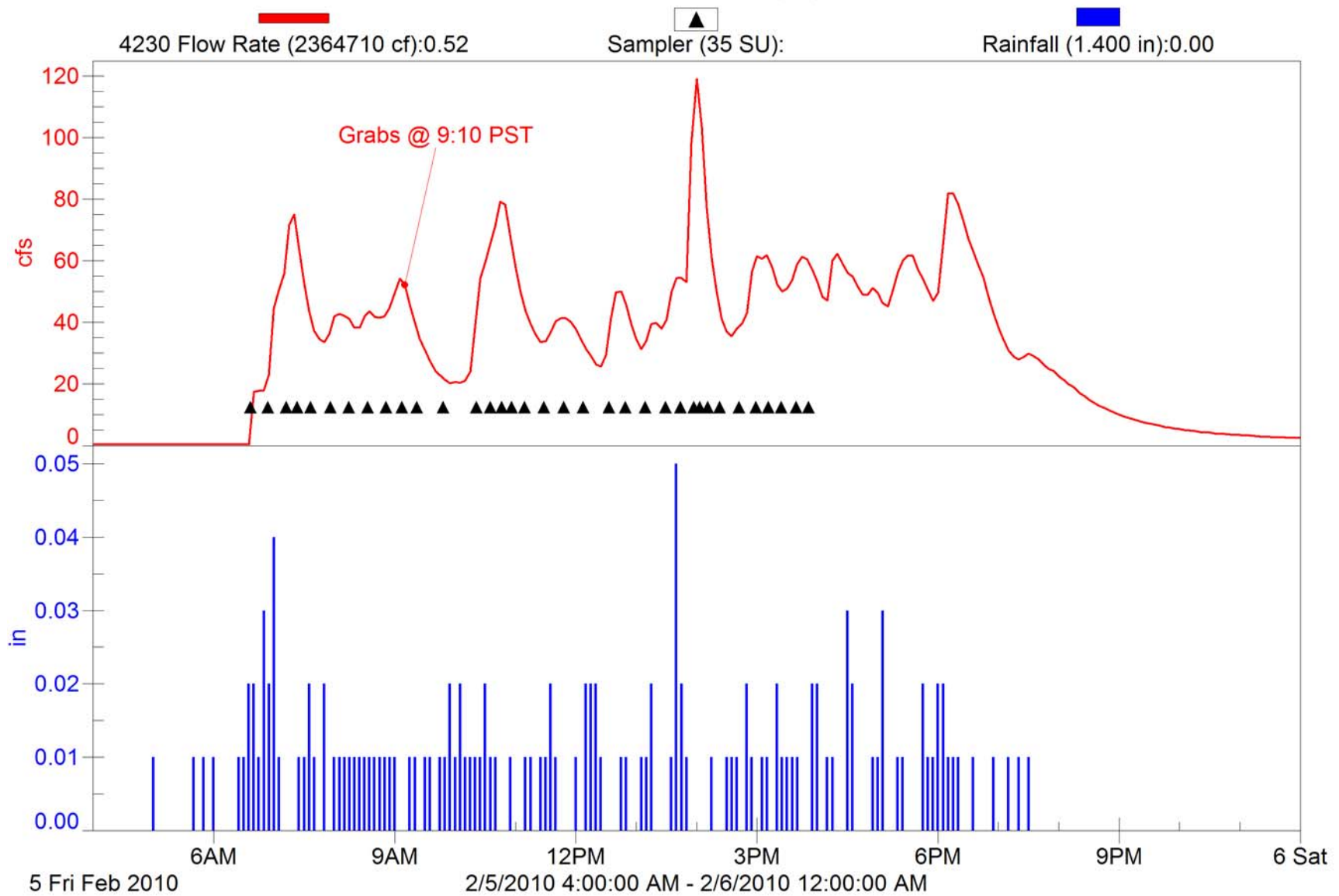
Sampler (24 SU):

Rainfall (0.740 in):0.00



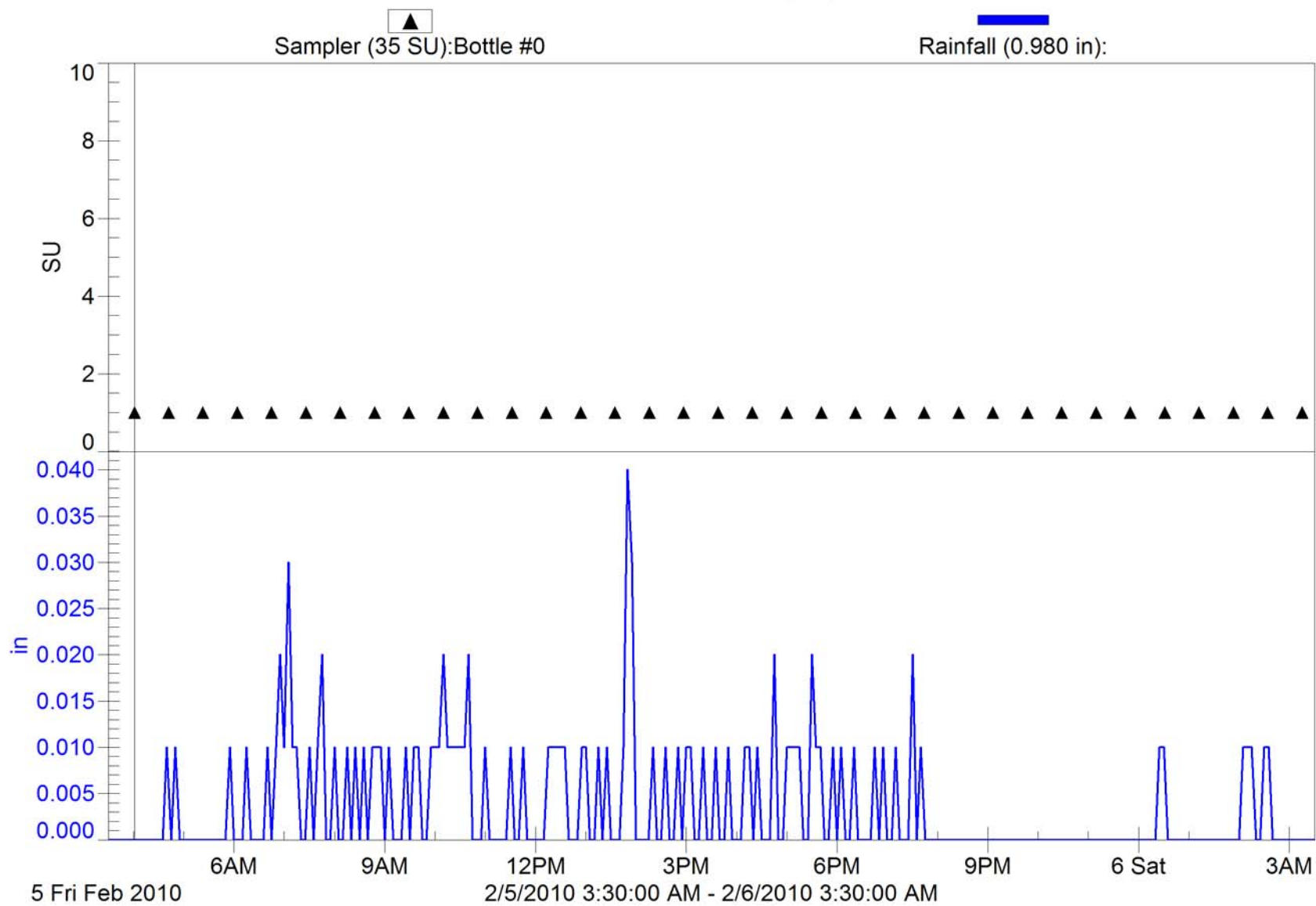
Ventura-1

2009/10 NPDES Event #3 (Wet)

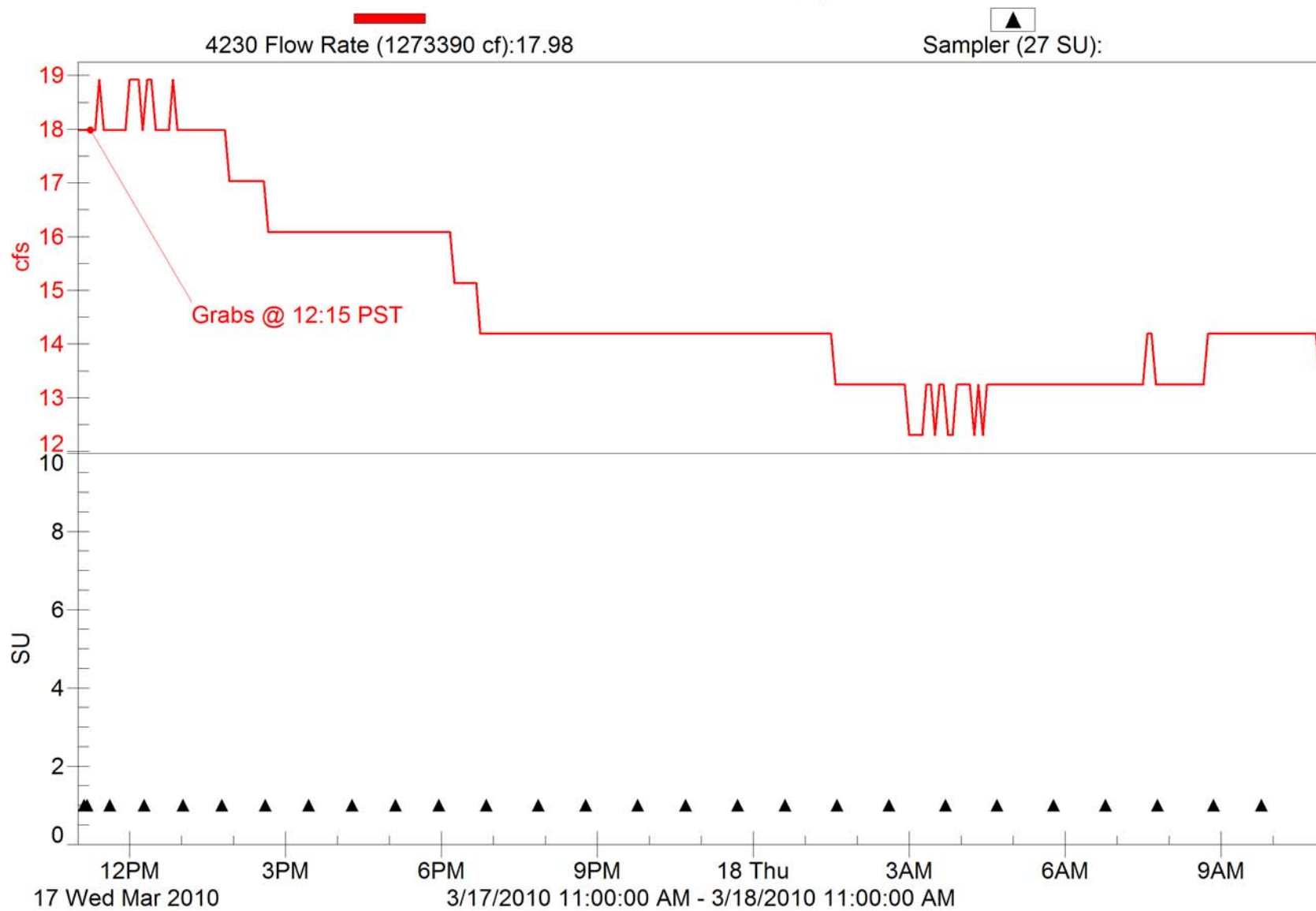


ME-SCR

2009/10 NPDES Event #3a (Wet)



ME-CC
2009/10 NPDES Event #4 (Dry)

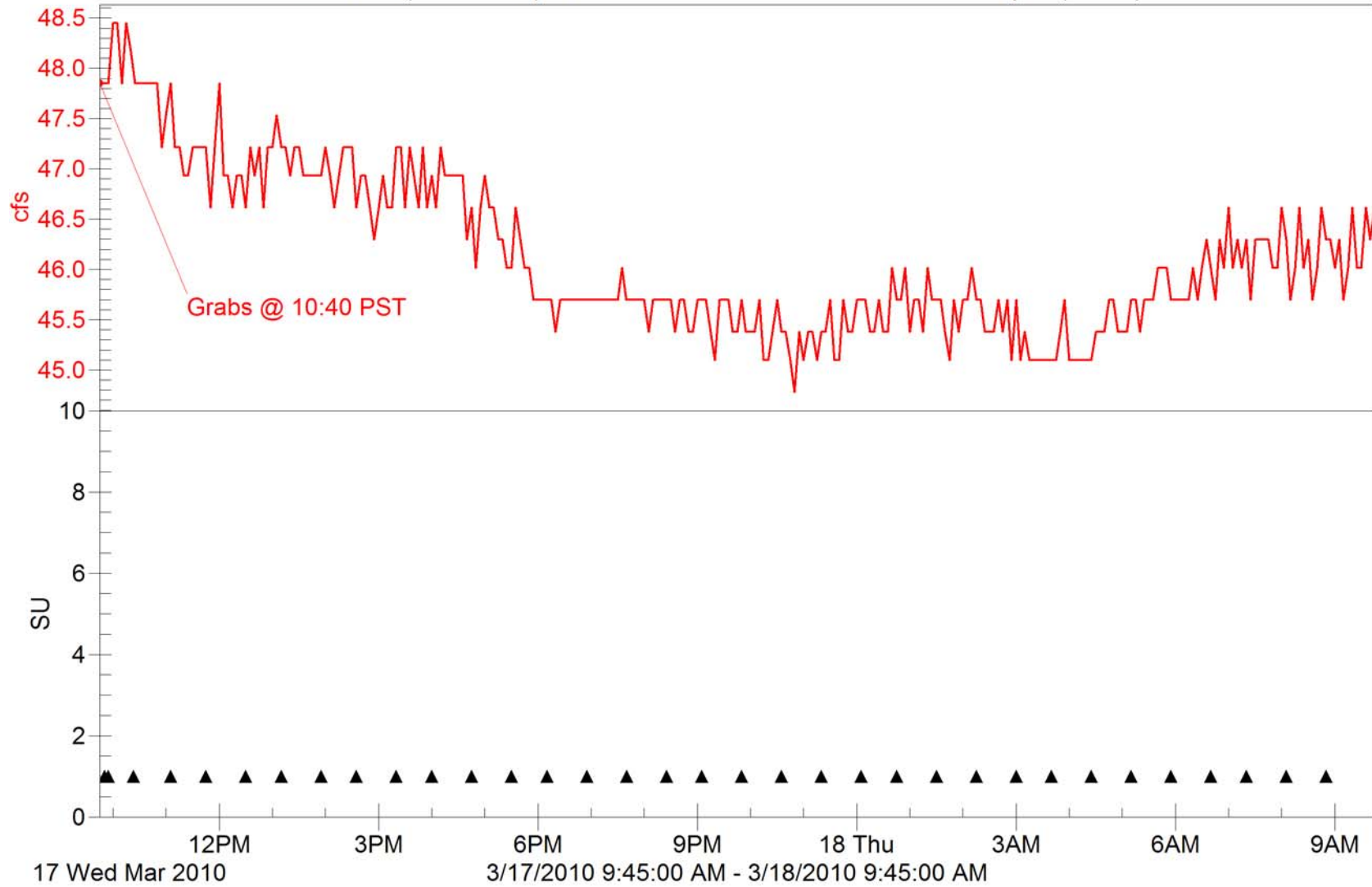


ME-VR2

2009/10 NPDES Event #4 (Dry)

4230 Flow Rate (3985350 cf):47.85

Sampler (34 SU):



Appendix C. NRCS Curve Number Methodology Discussion



Ventura County Watershed Protection District

Planning & Regulatory Hydrology Section MEMORANDUM

DATE: September 4, 2009 Updated August 12, 2010

TO: Tommy Liddell

VIA: Bruce Rindahl

FROM: Mark Bandurraga

SUBJECT: **NPDES Monitoring Site Yield Evaluation**

Per your request, we have used the land use and watershed information you provided to prepare a spreadsheet that can be used to estimate the runoff quantities from storm forecasts. The runoff quantity is estimated using the NRCS Curve Number approach that is a common method in hydrology. The results show that the weighed Curve Numbers estimated from the evaluation range from a low of about 74 for the rural Fox Canyon Drain watershed in Ojai to a high of about 91 for the urbanized watershed in the City of Ventura. The methodology and files used to calculate the Curve Numbers are described in this memo for the watersheds shown in Figures 1-4.

In August 2010 you requested results for another 7 monitoring sites across the county. This memo describes the additional work done for that request.

Curve Number Calculation Methodology

Land Use Data

Land Use data used in the study were provided by the Water Quality Section already clipped to the monitoring site boundaries and in a geodatabase. The land use data were extracted from the Assessor's Parcel database which is considered to be current as of the date of extraction (Feb 12, 2009). The various classifications in the file based on the assessor's 4-digit site use codes were sorted and assigned hydrologic land use names associated with the various classifications contained in the Curve Number (CN) Table from the Hydrology Manual (2006) as shown in Table 1. The categories in the land use file corresponded well with the land uses in the VCWPD CN Table with the following exceptions:

1. Vacant undifferentiated land was assumed be open brush in fair condition in rural areas and open space with 50% grass cover in urban areas.
2. Mixed urban land uses were assumed to correspond to commercial properties with 50% effective impervious.
3. Fire stations, public buildings, and schools were assigned to the low industrial use category with an effective impervious value of 36% due to the potential for large landscaped areas.

Table 1 Land Uses In NPDES Database (Assessor's Land Uses)

| KVM_CAT1 | SHORT_ | Name |
|------------------|--|-----------|
| Agriculture | Abandoned Orchards and Vineyards | Orchard |
| Agriculture | Horse Ranches | open |
| Agriculture | Nurseries | Orchard |
| Agriculture | Orchards and Vineyards | Orchard |
| Agriculture | Vacant With Limited Improvements | open |
| Com_Indus. Mix | Mixed Commercial and Industrial | Comm |
| Commer. | Commercial Recreation | Comm |
| Commer. | Commercial Storage | Comm |
| Commer. | Low- to Medium-Rise Major Office Use | comm |
| Commer. | Modern Strip Development | comm |
| Commer. | Retail Centers (Non-Strip with Contiguous Interconnected Off-Street Parking) | comm |
| Extraction | WHOLESALE AND WAREHOUSING | indhigh |
| Facility | Fire Stations** | indlow |
| Facility | Government Offices | indlow |
| Facility | Major Medical Health Care Facilities | comm |
| Facility | Other Public Facilities | indlow |
| Facility | Other Special Use Facilities | indlow |
| Facility | Police and Sheriff Stations** | indlow |
| Facility | Religious Facilities | indlow |
| Facility | Special Care Facilities | indlow |
| Industrial_1 | Open Storage | indlow |
| Industrial_1 | Packing Houses and Grain Elevators | indlow |
| Industrial_3 | Manufacturing, Assembly, and Industrial Services | indhigh |
| No Info Given | | open |
| Recreation | Other Open Space and Recreation | open |
| Res.1 | Low Density Single Family Residential | reslow |
| Res.1 | Trailer Parks and Mobile Home Courts, High Density | reshigh |
| Res.2 | Low-Rise Apartments, Condominiums, and Townhouses | reshigh |
| Res.2 | Rural Residential Low Density | resrural |
| Res.3 | High Density Single Family Residential | reshigh |
| Res.4 | Duplexes, Triplexes, and 2- or 3-Unit Condominiums and Townhouses | reshigh |
| Res.4 | Medium-Rise Apartments and Condominiums | reshigh |
| Res.4 | Mixed Urban | comm |
| Schools | Elementary Schools** | indlow |
| Schools | Junior High Schools** | indlow |
| Schools | Senior High Schools** | indlow |
| Transportation | Freeways and Major Roads | paved |
| Transportation | Mixed Transportation | paved |
| Transportation | Truck Terminals | paved |
| Under Constructi | Under Construction | indlow |
| Utilities | Electrical Power Facilities | indlow |
| Vacant Undiffere | Vacant Undifferentiated (rural) | brushfair |
| Vacant Undiffere | Vacant Undifferentiated (city) | open |

Soils Information

The soils information was obtained from the District soils shapefile that groups the soil info into categories 1 through 7 corresponding to the NRCS soil categories D through A, respectively. The soils info was clipped to the watershed boundaries using the watershed shapefile. The areas

obtained from the soils files were checked against the total watershed areas to make sure they were identical.

Combined Soils and Land Use Information and Weighted Curve Numbers

The soils and land use shapefiles were then unioned in GIS to obtain the combinations of soil type and land uses in the watersheds. The resulting table was imported into excel and sorted to group the various land uses. The land uses were then assigned a name associated with the data in the District CN Table. Based on the name and soil number, excel functions “match” and “offset” were used to obtain a CN from the CN Table. The weighted soil number and Curve Number for each watershed were calculated using the areas, soil numbers, and CN’s. The weighted soil types were checked against the data in the original watershed soil files and were found to be the same. The weighted Curve Numbers were linked to a summary worksheet to be used to calculate the yields by the Water Quality Section. This procedure was also applied to the 7 additional watersheds added to the study in August 2010.

The results are shown in Table 2.

Table 2: Storm Yield Results- Weighted Average Curve Numbers

| Watershed Name | Size ac | Compo-site CN | Rain (in) | Initial Abs S (no units) | Rain cutoff (in) | Yield (in) | % Yield |
|----------------|---------|---------------|-----------|--------------------------|------------------|------------|---------|
| Camarillo | 2,779 | 85.12 | 5.00 | 1.75 | 0.35 | 3.38 | 68% |
| Happy Valley | 1,026 | 77.29 | 5.00 | 2.94 | 0.59 | 2.65 | 53% |
| Fox | 749 | 74.19 | 5.00 | 3.48 | 0.70 | 2.38 | 48% |
| Ventura | 707 | 90.93 | 5.00 | 1.00 | 0.20 | 3.97 | 79% |
| Fillmore | 762 | 74.77 | 5.00 | 3.37 | 0.67 | 2.43 | 49% |
| Port Hueneme | 589 | 85.60 | 5.00 | 1.68 | 0.34 | 3.43 | 69% |
| Moorpark | 1,816 | 63.34 | 5.00 | 5.79 | 1.16 | 1.53 | 31% |
| Oxnard | 1,374 | 84.07 | 5.00 | 1.89 | 0.38 | 3.28 | 66% |
| Simi Valley | 3,321 | 71.04 | 5.00 | 4.08 | 0.82 | 2.12 | 42% |
| Santa Paula | 64 | 80.07 | 5.00 | 2.49 | 0.50 | 2.90 | 58% |
| Thousand Oaks | 5,179 | 81.54 | 5.00 | 2.26 | 0.45 | 3.04 | 61% |

Between the first request and present, the Hydrology Section has updated their Curve Number tables to make them more consistent with reported infiltration rates in the Hydrology Manual. The resultant CNs were used in the study to see the effect on the yields as shown in Table 3.

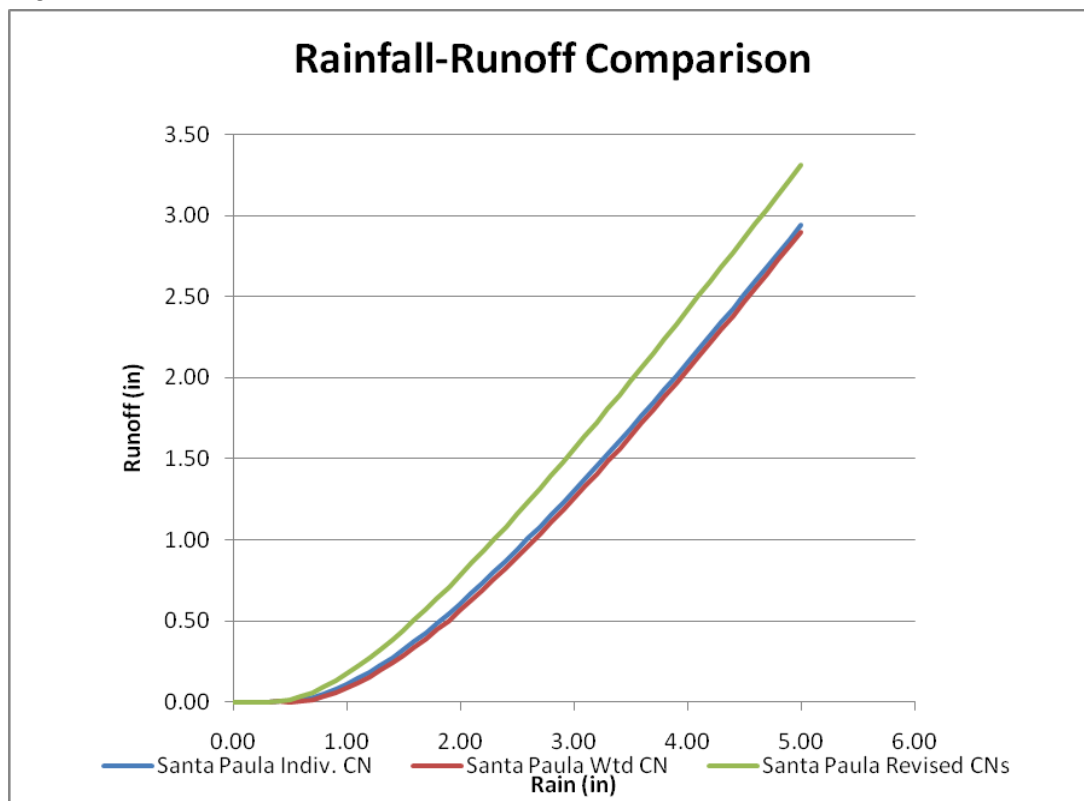
Table 3: Storm Yield Results- Weighted Average Curve Numbers with Updated CNs

| Watershed Name | Size ac | Compo-site CN | Rain (in) | Initial Abs S (no units) | Rain Cutoff (in) | Yield (in) | % Yield |
|----------------|---------|---------------|-----------|--------------------------|------------------|------------|---------|
| Camarillo | 2,779 | 84.72 | 5.00 | 1.80 | 0.36 | 3.34 | 67% |
| Happy Valley | 1,026 | 77.22 | 5.00 | 2.95 | 0.59 | 2.64 | 53% |
| Fox | 749 | 73.48 | 5.00 | 3.61 | 0.72 | 2.32 | 46% |
| Ventura | 707 | 91.24 | 5.00 | 0.96 | 0.19 | 4.01 | 80% |
| Fillmore | 762 | 74.39 | 5.00 | 3.44 | 0.69 | 2.40 | 48% |
| Port Hueneme | 589 | 86.14 | 5.00 | 1.61 | 0.32 | 3.48 | 70% |
| Moorpark | 1,816 | 64.63 | 5.00 | 5.47 | 1.09 | 1.63 | 33% |
| Oxnard | 1,374 | 84.01 | 5.00 | 1.90 | 0.38 | 3.27 | 65% |
| Simi Valley | 3,321 | 71.11 | 5.00 | 4.06 | 0.81 | 2.13 | 43% |
| Santa Paula | 64 | 84.22 | 5.00 | 1.87 | 0.37 | 3.29 | 66% |
| Thousand Oaks | 5,179 | 81.27 | 5.00 | 2.30 | 0.46 | 3.01 | 60% |

The results showed that the revised CNs provided yields that were 1 or 2% higher than the 2006 CN set except for the Santa Paula watershed. This watershed was soil type 6, which had CNs that were more affected by the updates than most of the CNs for the other soils.

While working on the 2nd request, it was realized that the Hydrology Section could provide more precise estimates of flow at lower rainfall levels by analyzing each soil/land use combination individually and summing the results rather than using a weighted average CN in the runoff equation. So the individual CN results were calculated and summed for both the 7 sites in this update and the previous 4 sites. The resultant spreadsheets provide tables of runoff vs rainfall data. Figure 1 shows a comparison of the rainfall and runoff from a highly developed watershed Camarillo using the weighted average CN, individual CNs, and revised individual CNs.

Figure 1



Conclusions and Limitations

The provided weighted CNs can be used to estimate runoff from low to moderately saturated watersheds. It has been our experience that it is necessary to use Antecedent Moisture Condition III CNs for highly saturated watersheds which only occurs after many days of heavy rainfall such as January 10, 2005. The provided CNs probably will overpredict the runoff coming from the first storms of the season due to the very dry antecedent moisture conditions present then. If necessary further work can be done to provide CNs representing AMC I conditions. Also, the CNs assigned to the various land uses can be calibrated after enough storms have occurred to evaluate the predictive accuracy of the current yield equations provided to the NPDES group. It should also be possible to provide forecasts of runoff from the HSPF forecast model of the Ventura River watershed that more accurately reflect saturated/unsaturated conditions.

List of Files in Work Directory K:\PR\hydrology\Watersheds\NPDES\Monitoring_Sites

| Filename | Description |
|---|---|
| GIS | Contains GIS files used in evaluation |
| GIS2010 | Contains 2010 GIS files used in updated evaluation |
| ClippedLandUse.mdb | Geodatabase with land uses clipped to watershed boundaries provided by WQ section |
| *_SelectedWatershed.shp | shapefiles showing boundaries of monitoring watersheds |
| *soils.shp | soils shapefiles clipped to watershed boundaries |
| *soilsunion.shp | Union of soils and land use data shapefile for watersheds |
| Allsoil.shp | VCWPD soils shapefile showing numbers for hydrology calcs |
| NPDES_MonitoringSitesRunoff9-09.xls | 9-09 CN data |
| NPDES_MonitoringSitesRunoff8-10.xls | 8-10 updated analysis for 11 sites total |
| NPDES_MonitoringSitesRunoff8-10RevCNs.xls | 8-10 analysis using revised CNs |
| MonitoringSites9-09.mxd | ArcMap project file for analysis |

Ventura Watershed

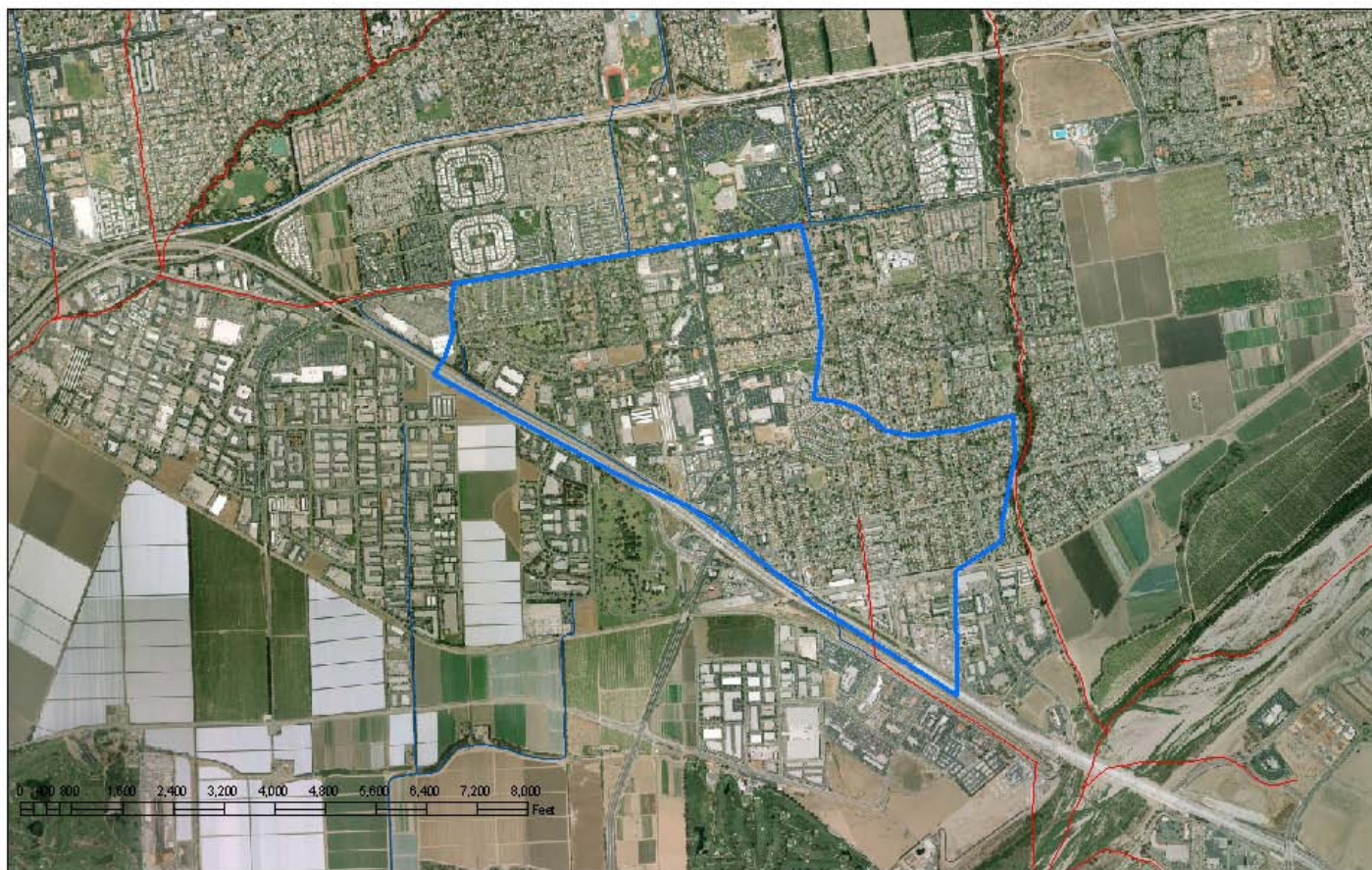


Figure 2

Meiners Oaks Happy Valley Watershed



Figure 3

Ojai Fox Watershed

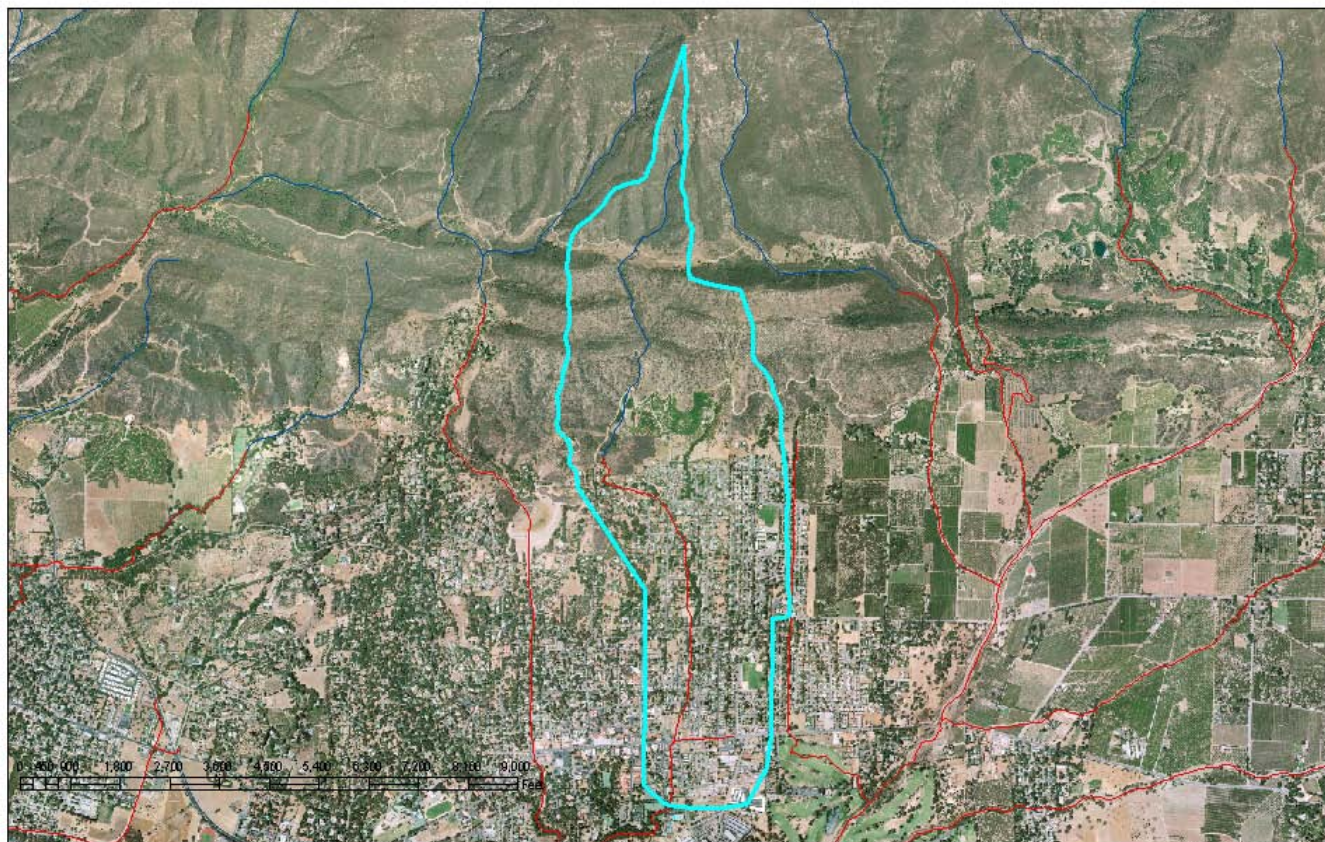


Figure 4

Camarillo Hills Drain Watershed

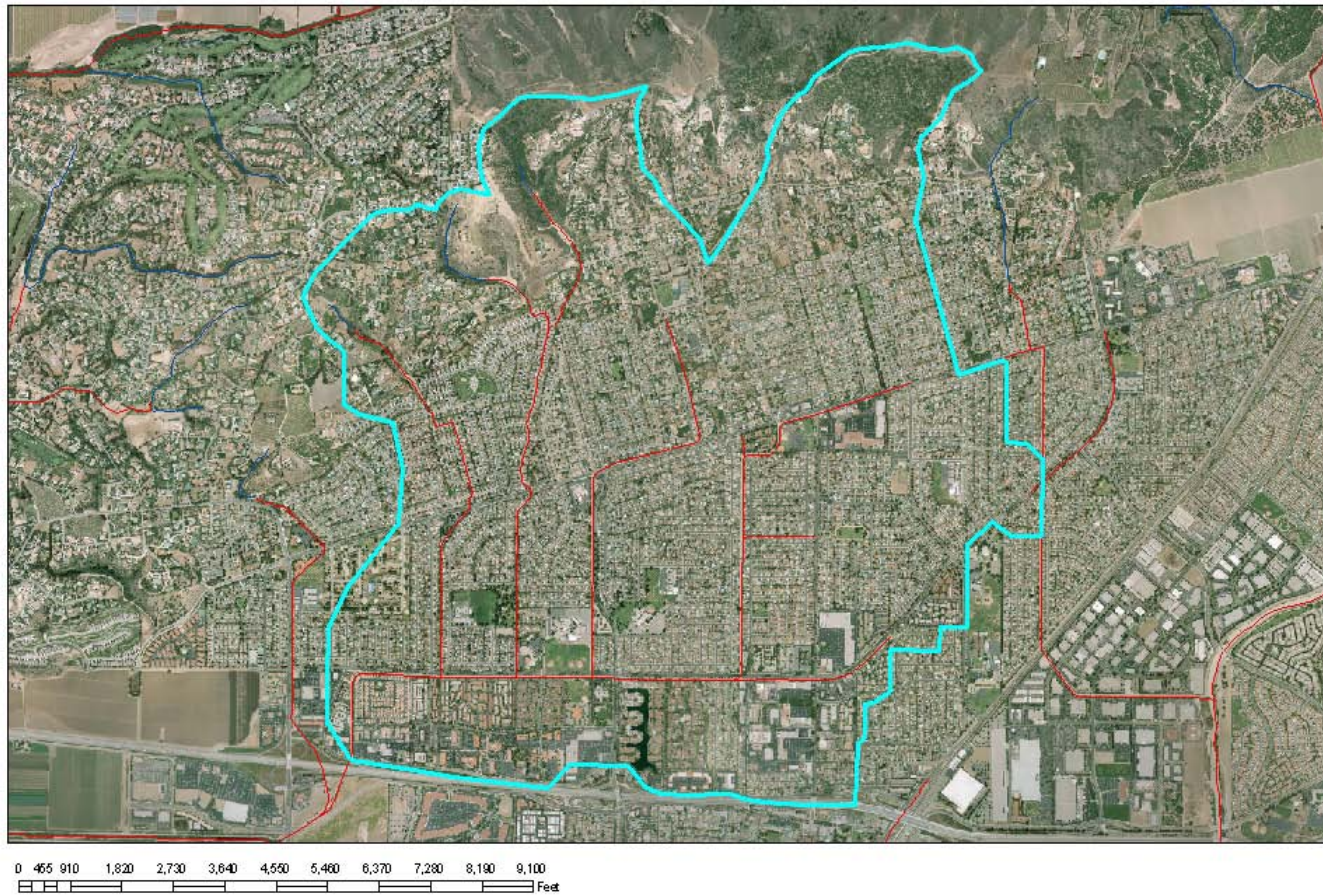


Figure 5

Simi Valley Watershed

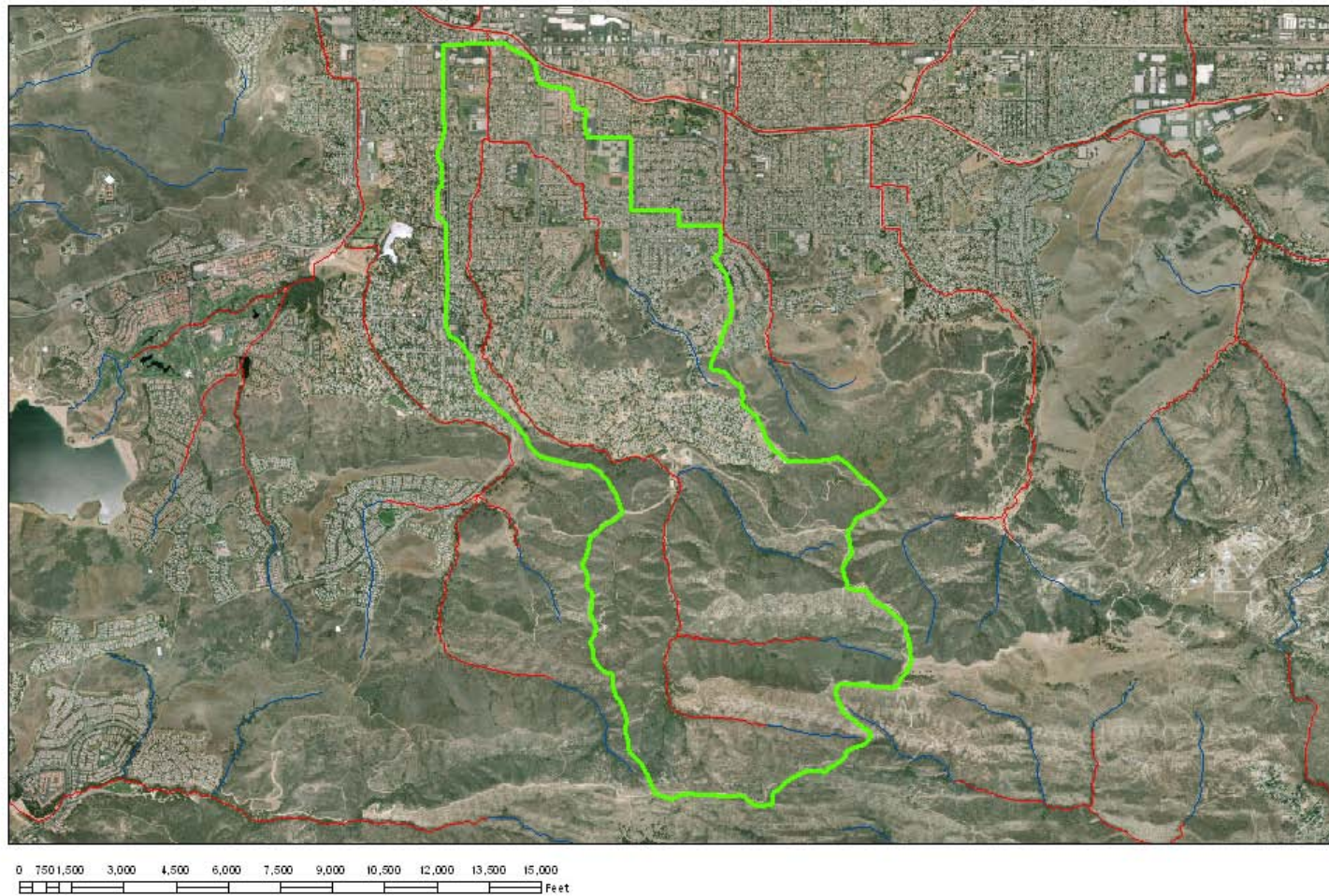


Figure 6

Oxnard Watershed



Figure 7

Moorpark Watershed

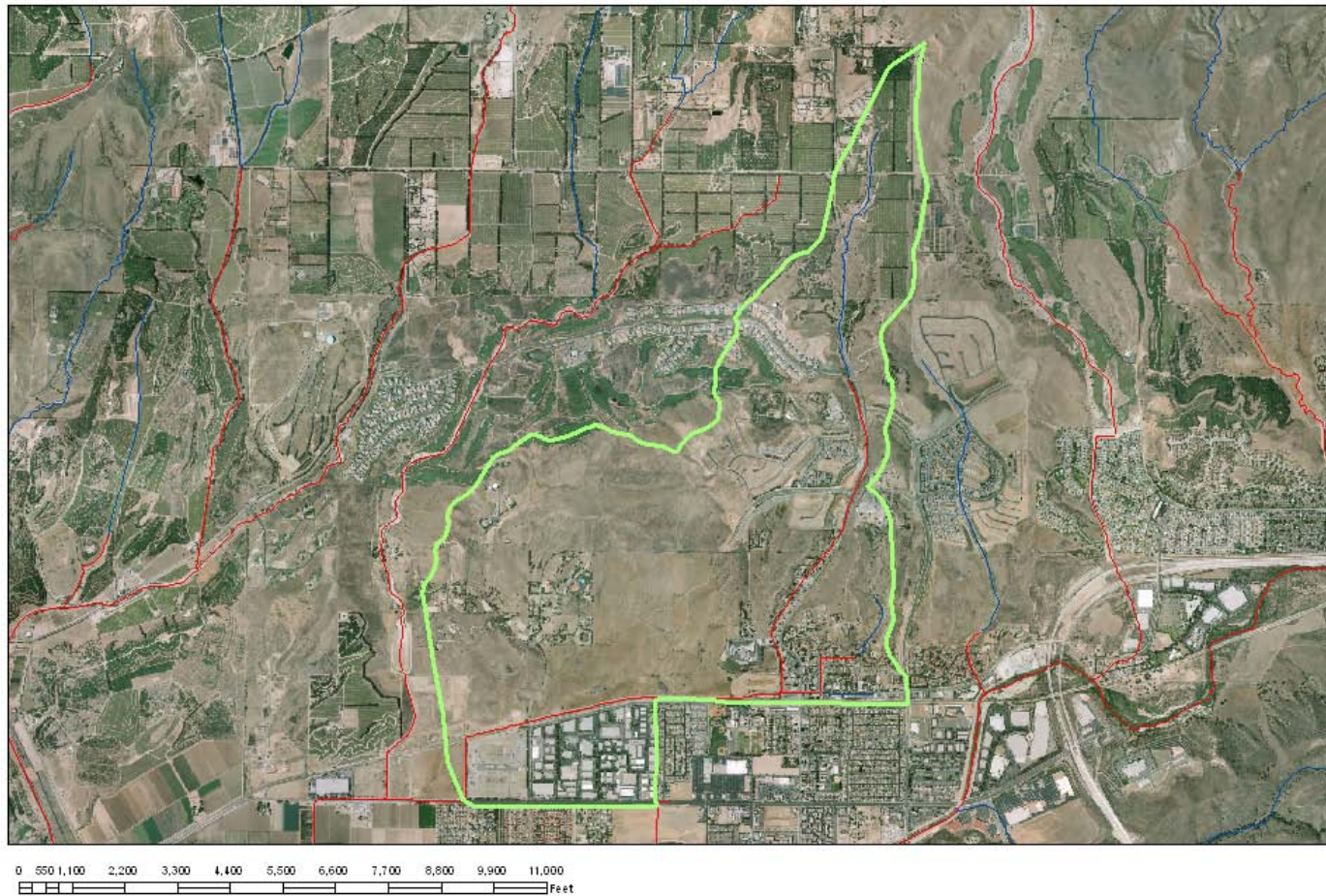


Figure 8

Port Hueneme Watershed

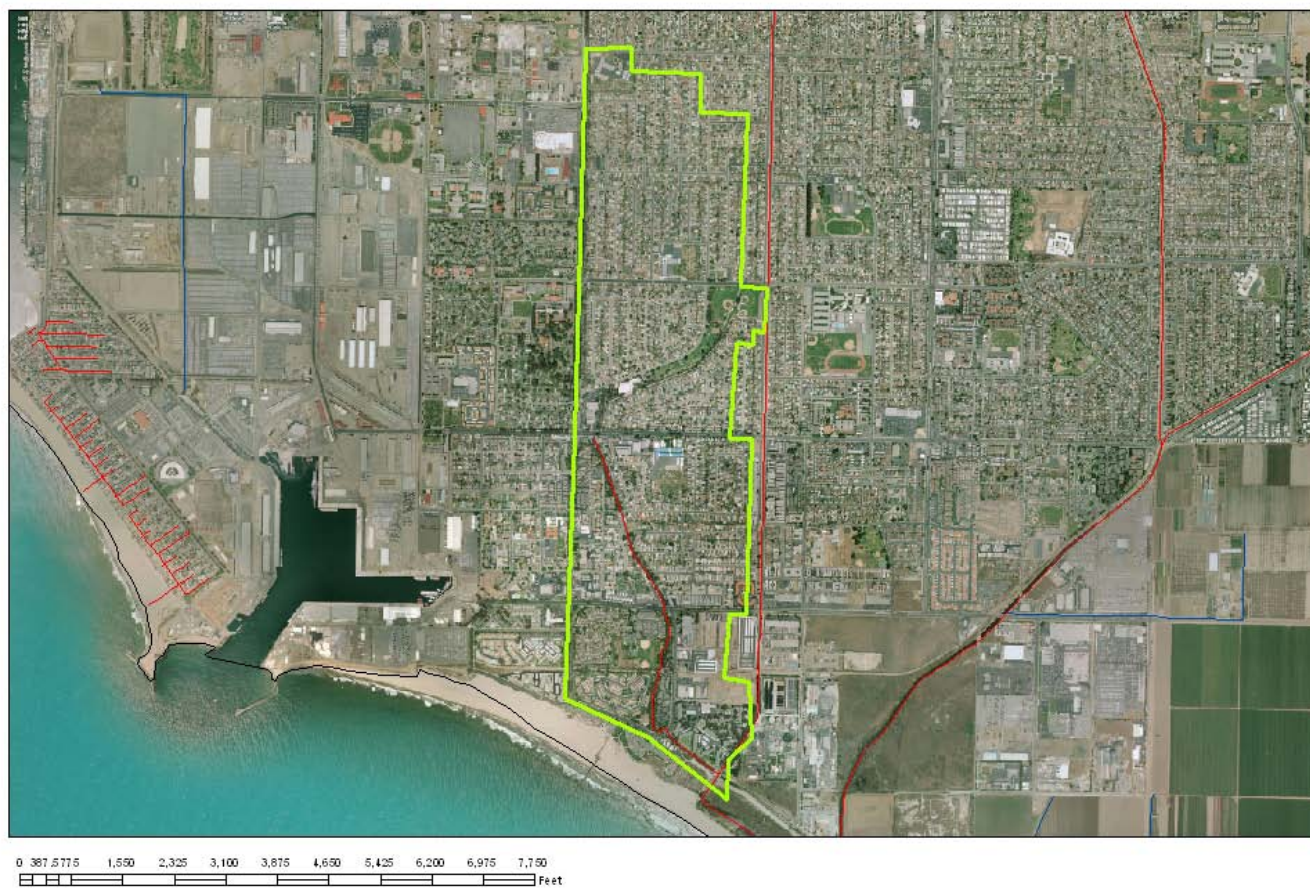


Figure 9

Fillmore Watershed



Figure 10

Thousand Oaks Watershed



Figure 11

Santa Paula Watershed

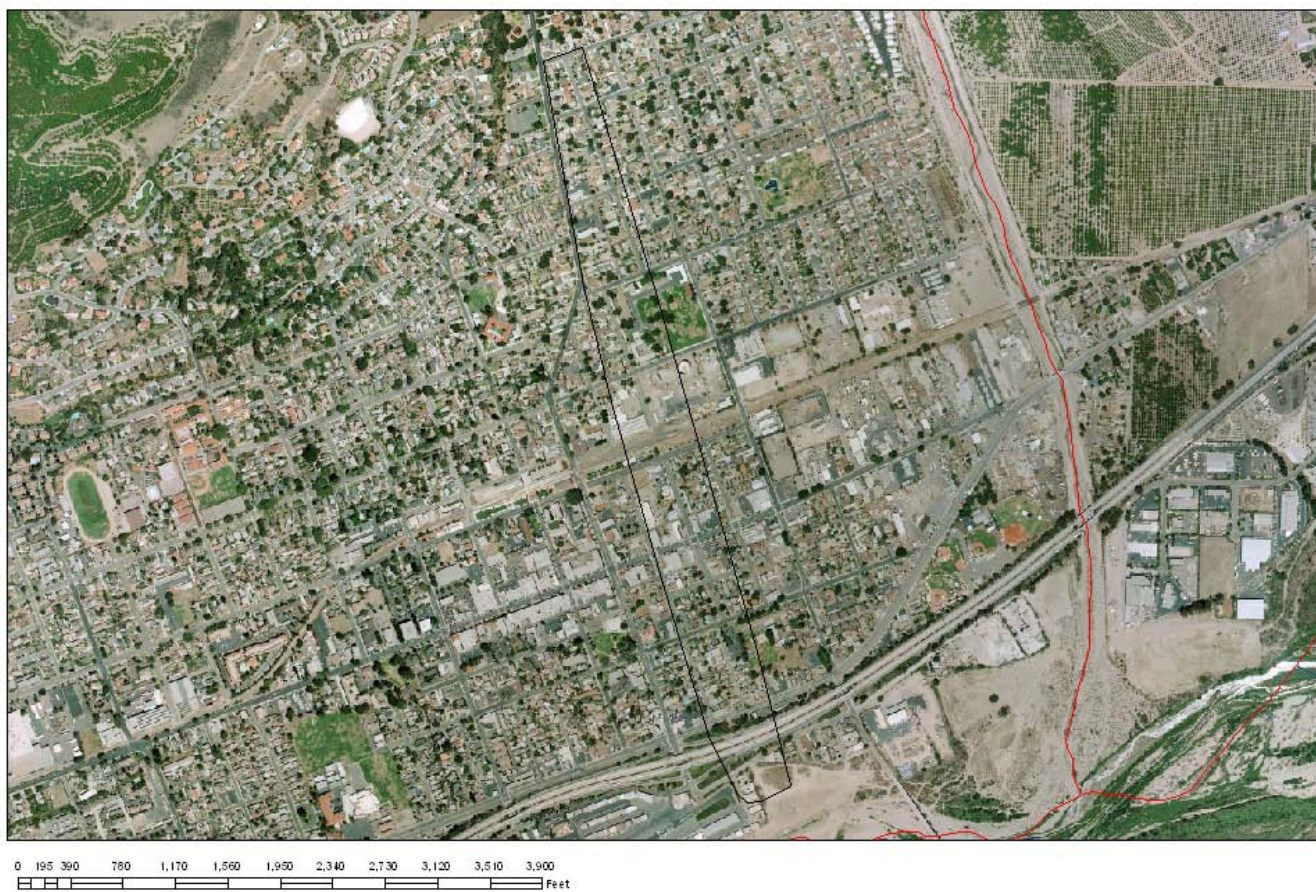


Figure 12

Appendix D. Event Summaries

NPDES 2009/2010 Water Quality Monitoring Event #1 (Wet), October 13-14, 2009 Summary

Forecasted Rainfall Amounts: 01.5" – 3.0" (coast) to 3.0" – 6.0" (mountains)

Actual Rainfall Amounts: 0.5" – 1.5" (coast) to 4.0" – 7.0" (mountains)

Sampling Durations:

ME-CC = 20.5 hrs.

ME-SCR = 23.0 hrs.

ME-VR2 = 18.5 hrs.

Camarillo-1 = 18.0 hrs.

Ojai-1 = 22.0 hrs.

Ventura-1 = 7.0 hrs.

VCMeiners Oaks-1 = 6.5 hrs.

Sampling Crew: Tommy Liddell, Bill Carey, Kelly Hahs

NPDES ~ MASS EMISSION

ME-CC Calleguas Creek (CSUCI Bridge)

- 10/13/09 @ 06:35
4230: 1.482', 51 cfs. Programmed for flow-paced sampling, trigger = 444,000 cf, calculated for 1 inch dry antecedent conditions.
6712: Program flow paced, 1 pulse, sample at start. 35 samples, 500 ml/sample. Start date/time 10/13/09 @ 10:00 Tuesday. Installed one 20L bottle, iced cooler, lid off. Pump reverse causes bubbles. 24 hours run time.
- 10/13/09 @ 18:41
4230: 1.518', 61 cfs.
6712: "Sample 5 after one pulse." 1.5-2 inches of water in bottom of bottle. Changed trigger to 333,333cf.
Grab samples: Taken at check structure @ 18:45
Field Measurements: Temperature = 19.3° C pH = 7.86
DO (%) = 68.9 Conductivity = 1553 uS Salinity = 0.9 ppt
DO(mg/L) = 6.31 Specific Conductance = 1742 uS
- 10/14/09 @ 10:56
4230: 3.526', 1740 cfs.
6712: Program: Flow paced is done.
Composite samples: Pulled composite @ 11:00. Bottle ~ 19 L full.
Notes: Trigger was from old trigger table and was not updated for new sample number and volume. Update trigger tables before next storm (500/200 x current trigger).

ME-SCR Santa Clara River (Freeman Diversion)

- 10/12/09 @ 19:07
4210: 0.009', 0 cfs.
6712: Pump reverse causes bubbles. Programmed for 24 hour time-paced sampling, 41 min pacing per sample, 35 samples, 1, 18.5 L wide mouth bottle, 500 ml per sample, start date/time 10/13/09 @ 10:00 Tuesday. Bottle in, lid off, refrigerator at 4° C. Intake line @ trash rack.
- 10/13/09 @ 22:33
4210: 0.000', 0 cfs.
6712: "Sample 20 in 24:23:53." Bottle half full. UCWD just turned diversion canal out.
Grab samples: Taken at diversion canal @ 22:45
Field Measurements: Temperature = 17.6° C pH = 7.62
DO (%) = 53.4 Conductivity = 871 uS Salinity = 0.5 ppt
DO(mg/L) = 5.08 Specific Conductance = 1014 uS

NPDES 2009/2010 Event #1 (Wet)

- 10/14/09 @ 11:34
4230: 0.073', 3 cfs. UWCD turned out almost completely, 22,500 cfs coming out of Sespe.
6712: "Program: Flow paced is done, Errors have occurred."
Composite samples: Pulled composite @ 11:45. Bottle ~ 10 L full.
Notes: None

ME-VR2 Ventura River (Ojai Valley Sanitation District)

- 10/12/09 @ 17:29
4230: 2.303', 1 cfs. Bubbler out of communication with water. ~1" storm prediction. Triggers low in past, VTS calls for 66,667 so use trigger = 15,000 cf.
6712: Program flow paced, every 1 pulse, sample at start, 1, 18.5 L bottle, 35 samples, 200 ml/sample (will deliver ~ 400ml/sample), start 10/13/09 @ 10:00 Tuesday, max. run time 24 hrs. Bottle in, lid off, refrigerator at 4° C.
- 10/13/09 @ 09:03
4230: 2.306', 2 cfs.
6712: Changed maximum run time to 36 hours.
- 10/13/09 @ 16:01
4230: 2.370', 5 cfs.
6712: "Sample 5 after 1 pulse." ~ 1" of sample in bottom of bottle.
- 10/13/09 @ 21:39
4230: 2.407', 6 cfs.
6712: "Sample 12 after 1 pulse." ~ 3" of sample in bottom of bottle.
Grab samples: Taken at mid-stream, mid-depth @ 21:50
Field Measurements: Temperature = 17.2° C pH = 7.62
DO (%) = 59.2 Conductivity = 1487 uS Salinity = 0.9 ppt
DO(mg/L) = 5.30 Specific Conductance = 1717 uS
- 10/14/09 @ 10:13
4230: 3.303', 279 cfs.
6712: "Program: Flow paced is done." Bottle ~ 1" from shoulder.
- 10/14/09 @ 13:00
4230: 3.227', 240 cfs.
6712: "Program: Flow paced is done."
Composite samples: Pulled @ 13:00. Bottle ~ 1" from shoulder.
Notes: Extensive vegetation removal by O&M on 10/12/09, installed new poly intake line and clean strainer.

NPDES ~ MAJOR OUTFALLS

Camarillo-1

- 10/12/09 @ 13:57
4230: Bubbler out of communication with water. ~ 0.5" storm prediction. Pacing set @ 3,400 cf.
2105c: Set sample enable trigger at 0.43' level with duration = 2 minutes, 0.05" rainfall. Set latch.
6712: Program flow paced, every 1 pulse, no sample at start, 1, 19.2 L bottle, 35 samples, 500 ml/sample, max. run time 24 hrs. Bottle in, lid off, refrigerator at 4° C.
- 10/13/09 @ 11:07
4230: 0.364', 13 cfs.
6712: Changed maximum run time to 36 hours.

NPDES 2009/2010 Event #1 (Wet)

- 10/13/09 @ 17:54
4230: 0.593', 42 cfs.
6712: No samples. Sampler not yet enabled but should have been (2105c error).
Manually enabled through 2105c. Confirmed pacing pulse, watched sample 1 @ 17:56.
Took 3 samples out of 8 attempts.
Grab samples: Taken at 18:30 from wing wall on west side.
Field Measurements: Temperature = 18.6° C pH = 7.20
DO (%) = 81.7 Conductivity = 299.3 uS Salinity = NR
DO(mg/L) = 7.62 Specific Conductance = 344.3 uS
- 10/14/09 @ 09:31
4230: 0.698', 63 cfs.
6712: "Program: Flow paced is done. Errors have occurred during program". Bottle ~ 3 L. Restarted program, time-paced, 30 samples, 10 minutes/sample, 500 ml/sample. Watched first two samples, volume good.
- 10/14/09 @ 12:35
4230: 0.452', 23 cfs.
6712: "Sample 20 in 08:20." Stopped program @ 12:36. "Errors have occurred."
Composite samples: Pulled @ 12:40. Bottle ~ 15.5 L.
Notes: None.

Ojai-1

- 10/12/09 @ 10:11
4230: Bubbler out of communication with water. Rainfall predicted at 1.5". Pacing set @ 11,500 cf.
2105c: Set sample enable trigger at 0.25' level, 0.10" rainfall. Set latch.
6712: Program flow paced, every 1 pulse, no sample at start, 1, 18.4 L bottle, 35 samples, 500 ml/sample, max. run time 24 hrs. Changed hardware programming to send event marks after complete samples. Bottle in, lid off, refrigerator at 4° C.
- 10/13/09 @ 08:13
4230: 0.139', 2 cfs.
6712: Changed maximum run time to 36 hours. Sampler disabled and awaiting signal from 2105c.
- 10/13/09 @ 14:40
4230: 0.329', 16 cfs. Pacing set to 11,500 cf.
6712: No samples. Sampler not yet enabled but should have been (2105c error).
Manually enabled through 2105c. Not getting trigger from 2105c, connected 6712 directly to 4230. Program flow paced, sample at start, no delay to start, 35 samples, 500 ml/sample. First sample = insufficient flow (depth <0.3').
- 10/13/09 @ 20:39
4230: 0.281', 12 cfs.
6712: "Sample 17 after 1 pulse." Watched sample 17, no liquid detected. "Errors have occurred." Insufficient flow depth for valid samples (depth <0.3'). Restarted program, first 2 samples errors – no liquid detected, but 0.375' and 22 cfs.
Grab samples: Taken at 20:50 from wing wall.
Field Measurements: Temperature = 17.0° C pH = 8.35
DO (%) = 94.8 Conductivity = 78.3 uS Salinity = 0 ppt
DO(mg/L) = 9.16 Specific Conductance = 90.2 uS
- 10/14/09 @ 09:37
4230: 0.155', 3 cfs.

NPDES 2009/2010 Event #1 (Wet)

6712: “Program: extended 1 is done. Errors have occurred.” Bottle full to ~ 1” below shoulder.

- 10/14/09 @ 12:19

4230: 0.141’, 2 cfs.

Composite samples: Pulled @ 12:20. Bottle full to ~ 1” below shoulder.

Notes: None.

VCMeiners Oaks-1

- 10/12/09 @ 10:33

4230: Bubbler out of communication with water. Rainfall predicted at 2.0”. Pacing set @ 23,000 cf.

2105c: Set sample enable trigger at 0.15’ level, 0.10” rainfall. Set latch.

6712: Program flow paced, every 1 pulse, no sample at start, 1, 19 L bottle, 35 samples, 500 ml/sample, max. run time 24 hrs. Changed hardware programming to send event marks after complete samples. Bottle in, lid off, refrigerator at 4° C.

- 10/13/09 @ 07:53

4230: 0.082’, 1 cfs.

6712: Changed maximum run time to 36 hours and restarted program. Sampler disabled and awaiting signal from 2105c.

- 10/13/09 @ 15:32

4230: 0.151’, 3 cfs. Pacing set to 15,000 cf.

6712: “Sample 3 after 1 pulse.”

- 10/13/09 @ 19:55

4230: 0.286’, 13 cfs. Changed pacing to 3,000 cf.

6712: “Sample 3 after 1 pulse.” Watched sample 3, 4, 5. “Sample 6 after 1 pulse.” Bottle ~ 3 L.

Grab samples: Taken at 20:15 from wing wall.

Field Measurements: Temperature = 17.1° C pH = 7.82
DO (%) = 90.4 Conductivity = 180.6 uS Salinity = 0.1 ppt
DO(mg/L) = 8.72 Specific Conductance = 212.6 uS

- 10/14/09 @ 09:06

4230: 0.365’, 20 cfs.

6712: “Program: extended 1 is done.” Bottle full to shoulder.

- 10/14/09 @ 12:40

4230: 0.168’, 4 cfs.

Composite samples: Pulled @ 12:40. Bottle full to shoulder.

Notes: None.

Ventura-1

- 10/12/09 @ 13:20

4230: Bubbler out of communication with water. Rainfall predicted at 0.5”. Pacing set @ 5,100 cf.

2105c: Set sample enable trigger at 0.16’ level with duration = 2 minutes, 0.05” rainfall. Set latch.

6712: Program flow paced, every 1 pulse, no sample at start, 1, 19 L narrow-neck bottle, 35 samples, 500 ml/sample, max. run time 24 hrs, send event marks after complete samples. Bottle in, lid off, refrigerator at 4° C.

- 10/13/09 @ 10:01

4230: 0.136’, 3 cfs.

NPDES 2009/2010 Event #1 (Wet)

2105c: Changed to enable when >0.16" level, no rainfall.

6712: Adequate rainfall and flow but sampler still disabled due to incorrect Boolean equation. Changed maximum run time to 36 hours and restarted program.

- 10/13/09 @ 12:41

4230: 0.254', 10 cfs. Pacing set to 100 cf.

6712: "Sample 2 after 1 pulse." Bottle ~ 0.5 L. Sampler timing not performing as programmed. Diagnosed problem and reprogrammed to composite 31 samples (4 samples collected during diagnosis). Restarted sampler.

- 10/13/09 @ 23:14

4230: 0.582', 38 cfs. Enabling issue from 2105c. Changed pacing to 3,000 cf, to 2,000 cf, to 6,000 cf. Changed enable signal from 2105c to 4230.

6712: "Sample 1 after 1 pulse." Watched sample 1, volume appears correct.

Grab samples: Taken at 23:15 from wing wall.

Field Measurements: Temperature = 18.3° C pH = 7.71

DO (%) = 94.5 Conductivity = 116.1 uS Salinity = 0.1 ppt

DO(mg/L) = 8.91 Specific Conductance = 133.2 uS

- 10/14/09 @ 11:06

4230: 0.253', 10 cfs.

6712: "Program: flow-paced completed, errors have occurred." Bottle full to 1" below shoulder.

Composite samples: Pulled @ 11:10. Bottle full to 1" below shoulder.

Notes: None.

Sample Tracking

- Bacteria samples to VCHCA (Susan Benavides) on 10/13/09 @ 23:55 (ME-CC, ME-SCR, ME-VR2, Camarillo-1, Ojai-1, VCMeiners Oaks-1, and Ventura-1).
- Toxicity samples to ABC on 10/14/09 @ 10:40 (ME-CC, ME-SCR, & ME-VR2, Camarillo-1, Ojai-1, VCMeiners Oaks-1, and Ventura-1).
- Grab and composite samples picked up at Saticoy Operations Yard by Essential Courier Services (Alvin Jones) on 10/14/09 @ 13:45 for delivery to Weck Laboratories, Inc.

NPDES 2009/2010 Water Quality Monitoring Event #2 (Wet), December 7-8, 2009 Summary

Forecasted Rainfall Amounts: 0.5" – 1.5" (coast) to 1.5" – 3.0" (mountains)

Actual Rainfall Amounts: 0.5" – 0.75" (coast) to 1.0" – 2.0" (mountains)

Sampling Durations:

ME-CC = 6.5 hrs. ME-SCR = 23.5 hrs. ME-VR2 = 22.5 hrs.

Camarillo-1 = 4.5 hrs. Ojai-1 = 6.0 hrs. Ventura-1 = 7.5 hrs.

VCMeiners Oaks-1 = 4.0 hrs.

Sampling Crew: Tommy Liddell, Bill Carey, Kelly Hahs

NPDES ~ MASS EMISSION

ME-CC Calleguas Creek (CSUCI Bridge)

▪ **12/06/09 @ 13:07**

4230: 1.373', 27 cfs. Outside staff 1.36'.

2105c: Programmed for flow-paced sampling, 0.75 inch rain forecast. Trigger table based on 200ml/sample puts pacing at 333,333 cf. Sample volume is now 500ml/sample therefore pacing is set at 2.5 times the trigger, equaling 750,000 cf. The trigger for sample enabling is 1.5' flow level, however the 2015c cannot be programmed with a trigger over 214,748 so pacing was set @150,000 cf and the 6712 was programmed to sample every 5 pulses (5x150,000=750,000cf).

6712: Program flow paced, 1,20L bottle. 5 pulses, no sample at start. 35 samples, 500 ml/sample, no enable, no delay to start. Max run time 36 hours. Changed time PDT to PST. Installed one 20L bottle, iced cooler, lid off. Pump reverse causes bubbles.

▪ **12/07/09 @ 11:36**

4230: 1.850", 184 cfs. Outside staff gauge 1.875'

2105c: Changed sample pacing to 1000 cf.

6712: "Sample 1 after 5 pulses." Manual sample collected at 11:37. Changed to sample every 400 pulses (400x1,000=400,000cf). "Sample 1 after 400 pulses."

Grab samples: Taken at check structure @ 12:00pm.

Field Measurements: Temperature = 13.2° C pH = 7.80
DO (%) = 80.7 Conductivity = 778 uS Salinity = 0.5 ppt
DO(mg/L) = 8.44 Specific Conductance = 1003 uS

▪ **12/08/09 @ 12:00**

4230: 1.74', 132 cfs.

6712: Program is completed "Errors have occurred." Sample 21 "No more liquid."
631,884 pump counts.

Composite samples: Pulled composite @ 12:15. Bottle full.

Notes: Determined that 2105c cannot handle high pacing numbers so pacing will be set at 1,000 cf in the 2105c and the pulses in the 6712 will be changed (used as a multiplier) to obtain the appropriate pacing volume (i.e. 400 pulses x 1,000 cf = 400,000 cf).

ME-SCR Santa Clara River (Freeman Diversion)

▪ **12/06/09 @ 12:03**

4210: -0.008', 0 cfs.

6712: Changed time to PST. Pump reverse causes bubbles. Programmed for 24 hour time-paced sampling, 41 min pacing per sample, 35 samples, 1, 18.5 L wide mouth bottle, 500 ml per sample, no enabling, start date/time 12/07/09 @ 07:00 Monday. Bottle in, lid off, refrigerator at 4° C. Intake line @ trash rack.

NPDES 2009/2010 Event #2 (Wet)

▪ 12/07/09 @ 16:24

4210: -0.035', 0 cfs.

6712: "Sample 17 in 00:32:33." Bottle ~ 2/5 full. UCWD had not turned diversion canal out.

Grab samples: Taken at diversion canal @ 16:30

Field Measurements: Temperature = 12.3° C

pH = 7.80

DO (%) = 77.6

Conductivity = 915 uS

Salinity = 0.6 ppt DO(mg/L)

= 8.27 Specific Conductance = 1208 uS

▪ 12/08/09 @ 13:29

6712: Program completed, bottle full. Pump count 257,003.

Composite samples: Pulled composite @ 13:30. Bottle full.

Notes: None.

ME-VR2 Ventura River (Ojai Valley Sanitary District)

▪ 12/06/09 @ 09:34

4230: 2.309', 2 cfs. Bubbler out of communication with water.

2105c: Programmed for flow-paced sampling, 0.75 inch rain forecast. Trigger table based on 200ml/sample puts pacing at 53,000 cf. Sample volume is now 500ml/sample therefore pacing is set at 2/5 the trigger @ 25,000 cf. The trigger for sample enabling is 2.33' flow level. Time is PST.

6712: Program flow paced, every 1 pulse, no sample at start, 1, 18.5 L bottle, 35 samples, 200 ml/sample (will deliver ~ 400ml/sample), no delay to start, max. run time 36 hrs.

Changed time from PDT to PST. Bottle in, lid off, tubing secured with zip ties, refrigerator at 4° C.

▪ 12/07/09 @ 10:01

4230: 2.446', 6 cfs. Confirmed data points.

2105c: Changed program to send a pulse every 1,000 cf.

6712: No samples. Manual sample taken @ 10:07. Changed program to sample every 25 pulses (25x1,000=25,000cf).

▪ 12/07/09 @ 15:03

4230: 2.501', 7 cfs.

6712: "Sample 4 after 18 pulses." Stopped program. Reprogrammed for 10 pulse pacing, 31 samples, therefore total pacing @ 10,000 cf. Bottle ~ 2L.

Grab samples: Taken at wing wall @ 15:15

Field Measurements: Temperature = 11.2° C

pH = 7.48

DO (%) = 73.6

Conductivity = 739 uS

Salinity = 0.5 ppt

DO(mg/L) = 8.04

Specific Conductance = 1002 uS

▪ 12/08/09 @ 1050

4230: 2.37', 2 cfs.

6712: "Sample 21 after 9 pulses." Bottle ~ 10L. Stopped program. Pump Count 423,853.

Composite samples: Pulled @ 11:00. Bottle ~ 10L.

Notes: Determined that 2105c cannot handle high pacing numbers so pacing will be set at 1,000 cf in the 2105c and the pulses in the 6712 will be changed (used as a multiplier) to obtain the appropriate pacing volume (i.e. 25 pulses x 1,000 cf = 25,000 cf).

NPDES 2009/2010 Event #2 (Wet)

NPDES ~ MAJOR OUTFALLS

MO-CAM Camarillo (Camarillo Hills Drain)

- **12/05/09 @ 13:44**
4230: 0.322', 9 cfs. Bubbler out of communication with water
2105c: Trigger set to 0.37' level. Pacing set at 40,000cf. Rain forecast at 0.75 inch.
6712: Changed PDT to PST. Program flow paced, every 1 pulse, no sample at start, 1, 19.2 L bottle, 35 samples, 500 ml/sample, no enable, no sample at enable, no delay to start, max. run time 36 hrs. Bottle in, lid off, refrigerator at 4° C.
- **12/06/09 @ 11:13**
4230: 0.816', 84 cfs.
2105c: Set pacing at 1000 cf.
6712: Changed pulses to 40 (40x1,000=40,000cf). "Sample 1 after 40 pulses."
- **12/07/09 @ 12:22**
Grab samples: Taken at 12:30 from wing wall on west side.
Field Measurements: Temperature = 11.9° C pH = 8.26
DO (%) = 92.4 Conductivity = 82.7 uS Salinity = 0.1ppt
DO(mg/L) = 9.97 Specific Conductance = 110.5 uS
- **12/08/09 @ 12:53**
4230: 0.32', 9 cfs.
6712: "Program disabled." Pump counts 230,966.
Composite samples: Pulled @ 13:00. Bottle ~ 7 L.
Notes: Determined that 2105c cannot handle high pacing numbers so pacing will be set at 1,000 cf in the 2105c and the pulses in the 6712 will be changed (used as a multiplier) to obtain the appropriate pacing volume (i.e. 40 pulses x 1,000 cf = 40,000 cf).

MO-OJA Ojai (Fox Canyon Barranca)

- **12/06/09 @ 07:45**
4230: 0.091', 1 cfs. Bubbler out of communication with water. Reprogrammed the rating table to account for the invert being different to that of the channel plans. Rainfall predicted at 0.75".
2105c: Changed time PDT to PST. Set sample enable to trigger at 0.12' level. Set the secondary logging rate for total flow to 0.11'. Sampler pacing interval set to 5,000 cf.
6712: Program flow paced, every 1 pulse, no sample at start, 1, 18.4 L bottle, 35 samples, 500 ml/sample, max. run time 36 hrs. Program disabled. Bottle in, lid off, guide cap on, refrigerator at 4° C.
- **12/07/09 @ 09:09**
4230: 0.283', 15 cfs.
2105c: Changed pacing to 1,000 cf.
6712: Enabled "Sample after 1 pulse." No samples taken but they should have been. Changed to sample every 10 pulses (10x1,000=10,000 cf). Raised to 10,000 cf due to expectation that most rain is yet to fall. Took manual sample "Sample 1 after 10 pulses."
- **12/07/09 @ 13:24**
6712: "Sample 20 after 10 pulses." Bottle full to ~ 2" below shoulder.
Grab samples: Taken at 13:45 from wing wall. Field duplicates (MD-1) taken at 13:45.
Field Measurements: Temperature = 11.2° C pH = 7.62
DO (%) = 96.0 Conductivity = 74.8 uS Salinity = 0.1 ppt
DO(mg/L) = 10.55 Specific Conductance = 110.6 uS

NPDES 2009/2010 Event #2 (Wet)

■ 12/08/09 @ 10:00

4230: 0.09', 1 cfs.

6712: "Program disabled. Errors have occurred." Stopped program at 10:00. Samples 3,4,17,18,20,24,25 had "No liquid detect." Pump count 289,915.

Composite samples: Pulled @ 10:00. Bottle full.

Notes: Determined that 2105c cannot handle high pacing numbers so pacing will be set at 1,000 cf in the 2105c and the pulses in the 6712 will be changed (used as a multiplier) to obtain the appropriate pacing volume (i.e. 10 pulses x 1,000 cf = 10,000 cf).

MO-MEI Meiners Oaks (Happy Valley Drain)

■ 12/06/09 @ 08:56

4230: 0.080', 1 cfs. Bubbler out of communication with water. Reprogrammed rating table to match the hydrology section's rating table. Rainfall predicted at 0.75".

2105c: Checked PDT. Set sample enable trigger at 0.15' level. Pacing set at 5,000 cf.

6712: Program flow paced, every 1 pulse, no sample at start, 1, 19 L bottle, 35 samples, 500 ml/sample, no enable, no delay to start, max. run time 36 hrs. Bottle in, lid off, tubing secured with zip ties, refrigerator at 4° C.

■ 12/07/09 @ 09:34

4230: 0.213', 9 cfs.

2105c: Changed pacing to 1,000 cf.

6712: Sampler not enabled (program not run after set up). Manual sample taken at 09:37 (large amount of accumulated debris on intake, manually removed it after sample was taken). Changed pulses to 5 (5x1,000=5,000 cf).

■ 12/07/09 @ 14:00

4230: 0.195', 8 cfs.

Grab samples: Taken at 14:15 from wing wall.

Field Measurements: Temperature = 9.7° C pH = 7.71
DO (%) = 96.2 Conductivity = 85.5 uS Salinity = 0.1 ppt
DO(mg/L) = 10.82 Specific Conductance = 120.9 uS

■ 12/08/09 @ 10:30

4230: 0.08', 1 cfs.

6712: "Program: extended 1 is done."

Composite samples: Pulled @ 10:30. Bottle full.

Notes: Determined that 2105c cannot handle high pacing numbers so pacing will be set at 1,000 cf in the 2105c and the pulses in the 6712 will be changed (used as a multiplier) to obtain the appropriate pacing volume (i.e. 5 pulses x 1,000 cf = 5,000 cf).

MO-VEN Ventura (Moon Ditch)

■ 12/06/09 @ 10:14

4230: 0.044', 1 cfs. Bubbler out of communication with water. Rainfall predicted at 0.75 inch.

2105c: Set sample enable trigger at 0.18' level, pacing at 14,000 cf.

6712: Changed PST to PDT. Program flow paced, every 1 pulse, no sample at start, 1, 19 L bottle, 35 samples, 500 ml/sample, no enable, no delay to start, max. run time 36 hrs. Bottle in, lid off, guide cap on, refrigerator at 4° C.

■ 12/07/09 @ 07:25

4230: 0.333', 15 cfs.

NPDES 2009/2010 Event #2 (Wet)

2105c: Changed to enable when >0.16" level, no rainfall. Changed pacing to 1,000 cf (as a result of troubleshoot findings).

6712: "Sample 1 after 1 pulses." Manual sample taken at 07:27. Sampler enabled, no samples taken but there should have been. Changed pulses to 20 (as a result of troubleshoot findings).

Trouble shoot: Changed pacing to 1,000 cf to test pulse delivery. Flow at 20 cfs should trigger ~ 1 sample/minute. Manual sample taken at 07:53. Program resumed and automatically sampled at 07:53, 07:55, 07:57, 07:59, 08:31. Determined that 2105c cannot handle high pacing numbers so dropped pacing to 1,000 cf and set pulses to 20 on 6712 (20x1,000=20,000 cf). Raised pacing to 20,000 cf because the heaviest part of the storm has not arrived yet. Reset sampler to take 28 samples.

▪ **12/07/09 @ 10:59**

4230: 0.649', 46 cfs.

6712: "Sample 14 after 2 pulses." Bottle ~ 11 L.

▪ **12/07/09 @ 15:45**

Grab samples: Taken at 16:00 from wing wall.

Field Measurements: Temperature = 12.7° C pH = 7.69
DO (%) = 90.7 Conductivity = 106.2 uS Salinity = 0.1 ppt
DO(mg/L) = 9.61 Specific Conductance = 138.8 uS

▪ **12/07/09 @ 17:55**

Grab samples: Oil & Grease taken at 17:55 (missed during initial grab sampling) from wing wall.

▪ **12/08/09 @ 11:19**

4230: 0.040', 1 cfs.

6712: No liquid after sample 27.

Composite samples: Pulled @ 11:30. Bottle full.

Notes: Determined that 2105c cannot handle high pacing numbers so pacing will be set at 1,000 cf in the 2105c and the pulses in the 6712 will be changed (used as a multiplier) to obtain the appropriate pacing volume (i.e. 20 pulses x 1,000 cf = 20,000 cf).

Sample Tracking

Bacteria samples to VCHCA (Susan Benavides) on 12/07/09 @ 17:35 (ME-CC, ME-SCR, ME-VR2, MO-CAM, MO-OJA, MO-MEI, and MO-VEN).

Toxicity samples to ABC (Michael Machuzak) on 12/07/09 @ 18:30 (ME-CC, ME-SCR, ME-VR2, MO-CAM, MO-OJA, MO-MEI, and MO-VEN).

Grab and composite samples picked up at the Saticoy Operations Yard by Weck-provided courier (Christian) on 12/08/09 @ 13:50 for delivery to Weck Laboratories, Inc.

NPDES 2009/2010 Water Quality Monitoring Event #3 (Wet), February 4-6, 2010 Summary

Forecasted Rainfall Amounts: 0.5" – 1.50" (coast) to 1.50" – 3.0" (mountains)

Actual Rainfall Amounts: 0.5" – 1.0" (coast) to 1.0" – 1.5" (mountains)

Sampling Durations:

ME-CC = 18.0 hrs.

ME-SCR = not sampled

ME-VR2 = 8.0 hrs.

MO-CAM = 7.0 hrs.

MO-OJA = 12.5 hrs.

MO-MEI = 14.5 hrs.

MO-VEN = 9.5 hrs.

Sampling Crew: Tommy Liddell, Kelly Hahs, Bill Carey, Elizabeth Martinez, Arne Anselm, Erica Eisch

NPDES ~ MASS EMISSION

ME-CC Calleguas Creek (CSUCI Bridge)

▪ **02/04/10 @ 11:18**

4230: 1.368', 26 cfs.

2105c: Programmed for flow-paced sampling, 1.25 inch rain forecast, moderate antecedent conditions, pacing set at 2,000,000 cf. The trigger for sample enabling is 1.6' flow level, however the 2105c cannot be programmed with a trigger over 214,748 so pacing set @1,000 cf and 6712 programmed to sample every 2,000 pulses (2,000x1,000=2,000,000cf).

6712: Installed new pump tube, reset pump count, calibrated: (1) 500 ml → 435 ml, (2) 400 ml → 390 ml, cleaned with HNO₃ and DI. Program flow paced; 1, 18.5 L bottle; 2,000 pulses; no sample at start; 35 samples; 500 ml/sample; sample at enable; no delay to start. Max run time 36 hours. Installed one 18.5 L bottle, returned @ 16:35 to ice down bottle, remove lid.

2/05/10 @ 11:42

4230: 1.909", 206 cfs. Outside staff gauge 1.90'

6712: "Sample 2 after 1220 pulses." Bottle ~ 500ml. Manual sample collected at 12:14. Changed to sample every 1000 pulses (1,000x1,000=1,000,000cf). "Sample 1 after 1,000 pulses."

Grab samples: Taken at check structure @ 11:50 pm.

Field Measurements: Temperature = 14.2° C pH = 7.78
DO (%) = 88.2 Conductivity = 668 uS Salinity = 0.4 ppt
DO(mg/L) = 9.02 Specific Conductance = 855 uS

▪ **02/05/10 @ 16:34**

2105c: Remotely changed pacing from 1,000 cf to 750 cf (750,000 cf pacing).

▪ **02/06/10 @ 12:56**

4230: 2.511', 596 cfs.

6712: "Program: flow paced is done", pump count @ 350,043.

Composite samples: Pulled composite @ 12:55. Bottle full.

Notes: Remotely changed pacing back to 1,000 cf on 02/18/10 @ 07:42.

ME-SCR Santa Clara River (Freeman Diversion)

▪ **02/04/10 @ 10:16**

4210: 0.122', 7 cfs.

6712: Pump count at 257,000. Cleaned with nitric and distilled water. Programmed for 24 hour time-paced sampling, 41 min pacing per sample, 35 samples, 1, 18.5 L wide

NPDES 2009/2010 Event #3 (Wet)

mouth bottle, 500 ml per sample, once enabled, stay enabled, no delay to start. Bottle in, lid off, refrigerator at 4° C. Intake line @ trash rack.

2105c: Needs adjusted for start time of 2/5/10 at 10 a.m.

▪ 02/05/10 @ 13:02

4210: 0.177', 13 cfs.

6712: "Sample 15 in 00:29:14." Bottle ~ 4L.

Grab samples: Taken at diversion canal @ 13:25

Field Measurements: Temperature = 12.9° C pH = 8.02
DO (%) = 92.2 Conductivity = 757 uS Salinity = 0.5 ppt
DO(mg/L) = 9.03 Specific Conductance = 983 uS

▪ 02/06/10 @ 13:51

6712: "Program: Flow-paced is done." Tubing came out of jar opening and was not delivering sample to bottle. Pump counts 377,328.

Composite samples: Pulled composite @ 13:50. Bottle only ~ 4L which is insufficient for analyses. Sample discarded and site will be sampled next rain event as 3A.

Notes: To be sampled next storm. Grab samples (except bacteriologicals) voided and will be included in Event 3A.

ME-VR2 Ventura River (Ojai Valley Sanitary District)

▪ 02/04/10 @ 10:22

4230: 2.863', 30 cfs. Outside staff 2.86', replaced desiccant.

2105c: Programmed for flow-paced sampling, 1.5 inch rain forecast, moderate antecedent conditions. 200 ml grab sample gives 350 ml, therefore 642,857 pacing set at 500,000.

6712: Calibrated pump 1) 200 ml → 350 ml, 2) 200 ml → 350 ml, 3) 300 ml → 335 ml, 4) 300 ml → 350 ml, 5) 400 ml → 340 ml, and 6) 400 ml → 350 ml. Cleaned with HNO₃ and distilled water. Program flow-paced ME-VR2, 1, 18.5L bottle, flow paced, 500 pulses, no sample at start, 40 samples, 200ml per sample, 36 hours run time, run program. Bottle in, guide cap on, refrigerator at 4° C.

▪ 02/05/10 @ 07:30, 14:03, 15:12

2105c: Remotely programmed: 07:30 changed enable to 3.0' (from 3.2'); 14:03 changed program to send a pulse every 500 cf (from 1,000 cf), 15:12 changed pulse from 500 cf to 250 cf.

▪ 02/05/10 @ 0844

4230: 2.910', 36 cfs.

6712: Tried to enable program but battery on laptop uncharged, no changes made.

▪ 02/05/10 @ 11:36

4230: 3.033', 52 cfs.

6712: Enabled at 10:49. "Sample 4 after 44 pulses."

Grab samples: Taken at wing wall @ 11:45.

Field Measurements: Temperature = 12.7° C pH = 7.89
DO (%) = 81.3 Conductivity = 743 uS Salinity = 0.5 ppt
DO(mg/L) = 8.59 Specific Conductance = 971 uS

▪ 2/6/10 @ 10:55

4230: 3.254', 90 cfs.

6712: "Program done at 18:36FR Feb5". Sampler turned off, fridge turned up.

Composite samples: Pulled @ 10:55. Bottle full to shoulder.

NPDES 2009/2010 Event #3 (Wet)

NPDES ~ MAJOR OUTFALLS

MO-CAM Camarillo (Camarillo Hills Drain)

- **2/4/10 @ 12:05**
4230: 0.320', 9 cfs. Bubbler out of communication with water. Changed desiccant. Cleaned rain gage.
2105c: Rain forecast at 1.1-1.2 inch. Pacing from RTR table is 80,000.
6712: Pump count 230,966. Cleaned with HNO₃ and distilled water. Program flow paced, every 80 pulses, no sample at start, 1, 19.2 L bottle, 35 samples, 500 ml/sample, sample at enable, no delay to start, max. run time 36 hrs. Bottle in, lid off, refrigerator at 4° C.
- **2/5/10 @ 11:15**
4230: 0.476', 26 cfs.
6712: "Sample 12 after 59 pulses." Bottle ~ 1/3 full.
Grab samples: Taken at 11:00 from wing wall on west side.
Field Measurements: Temperature = 14.0° C pH = 8.66 (twice)
DO (%) = 93.8 Conductivity = 46.3 uS Salinity = 0.0 ppt
DO(mg/L) = 9.70 Specific Conductance = 60.8 uS
- **2/6/10 @ 13:16**
4230: 0.321', 9 cfs.
6712: "Program flow paced is done." Pump counts 300,072. Turned pump head off.
Composite samples: Pulled @ 13:15. Bottle full to 2" below shoulder.

MO-OJA Ojai (Fox Canyon Barranca)

- **2/4/10 @ 12:13**
4230: 0.091', 1 cfs. Bubbler out of communication with water. Replaced desiccant. Rainfall predicted at 2.0", moderate antecedent conditions. Pacing targeted at 50,000 cf.
2105c: Sampler pacing interval set to 1,000 cf.
6712: Calibrated 1) 500 ml → 500 ml, cleaned with HNO₃ and distilled water. Program flow paced, every 50 pulses, no sample at start, 1, 18.4 L bottle, 35 samples, 500 ml/sample, sample at enable, no delay to start, max. run time 36 hrs. Run program. Bottle in, lid off, guide cap on, refrigerator at 4° C.
- **2/5/10 @ 10:09**
4230: 0.136', 3 cfs.
6712: Enabled "Sample 5 after 15 pulses." Flow/rainfall less than expected so reprogrammed 6712 to sample every 20 pulses (20x1,000=20,000 cf). Collected two manual samples (both had liquid detection errors after ~300 ml). Suspect flow level is insufficient due to inputs from athletic club parking lot outfall pushing flow away from the intake.
Grab samples: Taken at 10:15 from wing wall. Field duplicates (MD-1) taken at 10:15.
Field Measurements: Temperature = 11.5° C pH = 7.86
DO (%) = 98.4 Conductivity = 149.2 uS Salinity = 0.1 ppt
DO(mg/L) = 10.70 Specific Conductance = 212.2 uS
- **2/6/10 @ 11:36**
4230: 0.090', 1 cfs.
6712: "Program disabled. Errors have occurred." Pump count 352,452. Turned fridge up and pump head off.
Composite samples: Pulled @ 11:35. Bottle ~ 6L.

NPDES 2009/2010 Event #3 (Wet)

MO-MEI Meiners Oaks (Happy Valley Drain)

- **2/4/10 @ 13:35**
4230: 0.080', 1 cfs. Bubbler out of communication with water. Rainfall predicted at 2", moderate antecedent conditions, 50,000cf pacing.
6712: Cleaned with HNO₃ and distilled water. Program flow paced, every 50 pulses, no sample at start, 1, 19 L bottle, 35 samples, 500 ml/sample, sample at enable, no delay to start, max. run time 36 hrs. Run program. Bottle in, lid off, guide cap on, refrigerator at 4° C.
- **2/5/10 @ 10:56**
4230: 0.201', 8 cfs.
6712: "Errors have occurred during program." Errors probably due to dry intake. "Sample 8 after 39 pulses." Collected manual grab sample. Changed pulses to 20 (20x1,000=20,000 cf) and number of samples to 30, restarted program.
Grab samples: Taken at 11:00 from wing wall.
Field Measurements: Temperature = 11.7° C pH = 7.92
DO (%) = 94.9 Conductivity = 107.9 uS Salinity = 0.1 ppt
DO(mg/L) = 10.50 Specific Conductance = 144.1 uS
- **2/6/10 @ 11:18**
4230: 0.079', 1 cfs.
6712: "Program: extended 1 is done." Pump counts at 260,634. Turned refrigerator up and pump head off.
Composite samples: Pulled @ 11:20. Bottle full to 1" above shoulder.

MO-VEN Ventura (Moon Ditch)

- **2/4/10 @ 13:36**
4230: 0.040', 1 cfs. Bubbler out of communication with water. Rainfall predicted at 1.25 inch. RTR is 45,000.
6712: Pump tube count 263,853. Cleaned with HNO₃ and distilled water. Program flow paced, every 45 pulses, no sample at start, 1, 19 L bottle, 35 samples, 500 ml/sample, sample at enable, no delay to start, max. run time 36 hrs. Bottle in, lid off, guide cap on, refrigerator at 4° C.
- **2/5/10 @ 8:53**
4230: 0.627', 43 cfs.
6712: "Sample 10 after 41 pulses." Bottle ~ 4 inches from bottom.
Grab samples: Taken at 9:10 from wing wall (not bacteriologicals, bottle missing).
Field Measurements: Temperature = 12.8° C pH = 7.07
DO (%) = 95.3 Conductivity = 54.9 uS Salinity = 0.0 ppt
DO(mg/L) = 10.10 Specific Conductance = 72.0 uS
- **2/5/10 @ 10:27**
4230: 0.731', 56 cfs.
6712: "Sample 14 after 28 pulses." Bottle ~ ¼ full.
Grab samples: Bacteriologicals taken at 10:25 (missed during initial grab sampling) from wing wall.
- **2/6/10 @ 12:29**
4230: 0.514', 31 cfs.
6712: "Program: Flow paced is done." Pump counts at 358,125. Turned pump head off.
Composite samples: Pulled @ 12:30. Bottle full to 3" from top.

NPDES 2009/2010 Event #3 (Wet)

Sample Tracking

Bacteria samples to VCHCA (Susan Benavides):

02/06/10 @ 14:53: ME-CC, ME-SCR, MO-CAM, and MO-VEN) by Kelly Hahs and Arne Anselm.

02/06/10 @ 12:45: ME-VR2, MO-OJA, MO-MEI, and MD-1 by Tommy Liddell and Erica Eisch.

Grab and composite samples picked up at the Saticoy Operations Yard by Weck-provided courier (Amir Levy from RMS) on 02/06/10 @ 15:00 for delivery to Weck Laboratories, Inc.

NPDES 2009/2010 Water Quality Monitoring Event #3A (Wet), February 19-22, 2010 Summary

Forecasted Rainfall Amounts: 0.33" – 0.75" (coast) to 1.0" – 1.50" (mountains)

Actual Rainfall Amounts: 0.25" (coast) to 0.25" (mountains)

Sampling Durations:

ME-SCR = 23.0 hrs

Sampling Crew: Tommy Liddell, Bill Carey

NPDES ~ MASS EMISSION

ME-SCR Santa Clara River (Freeman Diversion)

- **02/19/10 @ 7:28**
2105c: Remote access, confirmed sampler logging, set sampler enable trigger to "time table" 2/19/10 @ 20:00 to 2/20/10 @ 20:00.
- **02/19/10 @ 10:28**
6712: Cleaned with nitric and distilled water. Cleaned inside of refrigerator.
Programmed for 24 hour time-paced sampling, 41 min pacing per sample, 35 samples, 1, 18.5 L wide mouth bottle, 500 ml per sample, sample at enable, no delay to start.
Program run. Bottle in, lid off, refrigerator at 4° C. Intake line @ trash rack.
- **02/20/10 @ 9:20**
4210: 0.161', 12 cfs.
6712: "Sample 21 in 00:18:26." Bottle ~ 10 L
Notes: Diversion canal and fish ladder fully open. Flow over weir, roller gate open 1/4.
Grab samples: Taken at diversion canal @ 09:30
Field Measurements: Temperature = 11.1 °C pH = 8.19
DO (%) = 93.9 Conductivity = 761 uS Salinity = 0.5 ppt
DO(mg/L) = 10.29 Specific Conductance = 1025 uS
- **02/22/10 @ 10:05**
6712: "Program: Flow-paced is done."
Composite samples: Pulled composite @ 10:05. Bottle full to shoulder.

Sample Tracking

Bacteria samples to VCHCA (Susan Benavides): not taken, results from Event 3A to be used.

Grab and composite samples picked up at the Saticoy Operations Yard by Weck-provided courier (Amir Levy? from RMS?) on 02/22/10 @ 11:00 for delivery to Weck Laboratories, Inc.

NPDES 2009/2010 Water Quality Monitoring Event #4 (Dry), March 17-18, 2010 Summary

Forecasted Rainfall Amounts: None

Actual Rainfall Amounts: None

Sampling Durations:

ME-CC = 22.5 hrs.

ME-SCR = 23.5 hrs.

ME-VR2 = 23.0 hrs.

MO-CAM = 22.0 hrs.

MO-OJA = 23.0 hrs.

MO-MEI = 22.5 hrs.

MO-VEN = 22.0 hrs.

Sampling Crew: Tommy Liddell, Kelly Hahs, Bill Carey, Elizabeth Martinez

NPDES ~ MASS EMISSION

ME-CC Calleguas Creek (CSUCI Bridge)

▪ **03/17/10 @ 11:02**

Notes: Flow-paced sampling, pacing calculated 20 cfs x 60 sec/min x (24 hours x 60 mins/hr)/35 samples = 49,200 cf pacing = 49 pulses at 1,000 cf/pulse.

4230: 1.317', 18 cfs.

2105c: Set to send pulse every 1,000 cf.

6712: Calibrated: (1) 500 ml → 450 ml, (2) 500 ml → 500 ml, cleaned with HNO₃ and distilled water. Program flow paced; 1, 18.5 L bottle; 49 pulses; sample at start; 35 samples; 500 ml/sample; sample at enable; no delay to start. Max run time 24 hours.

Run program. Installed one 18.5 L bottle, lid off, iced.

Grab samples: Taken at check structure @ 12:15 p.m.

Field Measurements: Temperature = 22.7° C pH = 7.99

DO (%) = 105.3 Conductivity = 1607 uS Salinity = 0.9 ppt

DO(mg/L) = 9.25 Specific Conductance = 1723 uS

▪ **03/18/10 @ 10:17**

4230: 1.289', 14 cfs.

6712: "Sample 26 after 22 pulses", program stopped @ 11:20.

Composite samples: Pulled composite @ 11:20. .

ME-SCR Santa Clara River (Freeman Diversion)

▪ **3/17/10 @ 7:14**

4210: 0.151', 11 cfs.

6712: Calibrated 1) 500 ml → 500 ml. Cleaned with 1% HNO₃ and distilled water.

Bottle in, lid off, sample line secured to bottle with zip ties, refrigerator at 4° C.

Programmed for 24 hour time-paced sampling, 41 min pacing per sample, 35 samples, 1, 18.5 L wide mouth bottle, 500 ml per sample, sample at enable, no delay to start. Run program. Intake line @ trash rack. Sample 1 taken @ 7:32, volume good. "Sample 2 in 00:38:25."

Grab samples: Taken at diversion canal @ 08:50

Field Measurements: Temperature = 12.0 °C pH = 8.17

DO (%) = 101.2 Conductivity = 859 uS Salinity = 0.6 ppt

DO(mg/L) = 10.80 Specific Conductance = 1139 uS

▪ **03/18/10 @ 07:14**

6712: "Program: Flow-paced is done." Last sample at 06:46. Pump counts 629,313.

Composite samples: Pulled composite @ 08:15, bottle full.

NPDES 2009/2010 Event #4 (Dry)

ME-VR2 Ventura River (Ojai Valley Sanitary District)

- **03/17/10 @ 09:15**
4230: 2.995', 48 cfs.
2105c: Programmed for flow-paced sampling,
6712: Pump count at 755,179 so changed pump tubing and reset count to zero.
Calibrated pump 1) 200 ml → 600 ml, 2) 200 ml → 600 ml. Cleaned with HNO₃ and distilled water. Bottle in, guide cap on, refrigerator at 4°C. Calculated pacing using total flow = 50 cfs x 60 sec/min x 60 cfh x 24 hr = 43,200,000 cf/24 hrs. Pacing at 43,200,000/35 samples = 123,429 cf, rounded to 120,000cf, or 120 pulses at 1,000 cf/pulse. Program flow-paced ME-VR2, 1, 18.5L bottle, flow paced, 120 pulses, sample at start, 35 samples, 200ml per sample (=~600 ml), 24 hours run time, run program. Watched first sample @ 10:23. Volume good.
Grab samples: Taken at wing wall @ 10:40.
Field Measurements: Temperature = 13.6 °C pH = 8.12
DO (%) = 114.2 Conductivity = 746 uS Salinity = 0.5 ppt
DO(mg/L) = 11.84 Specific Conductance = 957 uS
- **03/18/10 @ 09:16**
4230: 2.977', 46 cfs.
6712: "Sample 33 after 39 pulses." Program stopped at 09:18. Need to remember to adjust number of samples down due to extra volume in each aliquot of water. Fridge turned up.
Composite samples: Pulled @ 10:20. Bottle full to shoulder but just below silicone line so none pumped back.

NPDES ~ MAJOR OUTFALLS

MO-CAM Camarillo (Camarillo Hills Drain)

- **03/17/10 @ 14:00**
Notes: Installed sand-weighted silicone dam.
4230: 0.321', 9 cfs. Bubbler out of communication with water.
6712: Installed calibration line, pulled 1 sample into beaker to ensure sample volume. Pump count 311,651. Cleaned with HNO₃ and distilled water. Bottle in, lid off, refrigerator at 4° C. Program time paced, 1, 19.2 L bottle, 70 samples, 250 ml/sample, sample at enable, no delay to start, max. run time 24 hrs. Run program. First sample @ 14:19, volume good.
Grab samples: Taken at 14:15 from channel bottom.
Field Measurements: Temperature = 28.4 °C pH = 9.90
DO (%) = N/A Conductivity = 2507 uS Salinity = 1.2 ppt
DO(mg/L) = N/A Specific Conductance = 2356 uS
- **03/18/10 @ 10:41**
Notes: Removed sand-weighted silicone dam and sandbags, retracted silicone line.
6712: Program stopped @ 11:44.
Composite samples: Pulled @ 11:45. Bottle full to silicone line, likely some water pumped reverse. 2" below shoulder.

MO-OJA Ojai (Fox Canyon Barranca)

- **03/17/10 @ 07:44**
Notes: Scrubbed algae from channel, installed sand-weighted silicone dam, waited 5 mins to pull grabs.

NPDES 2009/2010 Event #4 (Dry)

4230: 0.089', 1 cfs.

6712: Pump count 356,559. Installed calibration Teflon line, cleaned with HNO₃ and distilled water. Program time paced, 1, 18.4 L bottle, 41 min/sample, 35 samples, 500 ml/sample, sample at enable, no delay to start, max. run time 24 hrs. Run program. Bottle in, lid off, refrigerator at 4° C.

Grab samples: Taken at 09:15 from channel bottom.

Field Measurements: Temperature = 12.4° C pH = 7.89
DO (%) = 110.9 Conductivity = 589 uS Salinity = 0.4 ppt
DO(mg/L) = 11.82 Specific Conductance = 774 uS

▪ 03/18/10 @ 08:07

Notes: Removed sand-weighted silicone dam, sand bags, and Teflon line.

4230: 0.091', 1 cfs.

6712: "Program flow-paced is done." (Note: program name only, actual programming was time-paced). Turned fridge temperature up.

Composite samples: Pulled @ 09:15. Bottle full, water up to silicone line indicates that some water may have been pumped back into the channel from bottle, need to check calibration.

MO-MEI Meiners Oaks (Happy Valley Drain)

▪ 03/17/10 @ 08:57

Notes: Cleaned algae from channel. Installed sand-weighted silicone dam. Allowed water to clear ~ 5 minutes.

4230: 0.083', 1 cfs. Bubbler out of communication with water.

6712: Pump count 266,371. Installed Teflon calibration line, cleaned with HNO₃ and distilled water. Bottle in, lid off, guide cap on, refrigerator at 4° C. Program time paced, 41 min/sample, 1, 19 L bottle, 35 samples, 500 ml/sample, sample at enable, no delay to start. Run program. First sample @ 09:37, volume good.

Grab samples: Taken at 10:15 from channel bottom.

Field Measurements: Temperature = 12.3 °C pH = 8.48
DO (%) = 105.0 Conductivity = 1089 uS Salinity = 0.7 ppt
DO(mg/L) = 11.15 Specific Conductance = 1437 uS

▪ 03/18/10 @ 08:35

4230: 0.081', 1 cfs.

6712: "Sample 35 in 14:58." Program stopped @ 08:36 Turned refrigerator up and pump head off.

Composite samples: Pulled @ 09:40. Bottle full to silicone tubing inlet. Line indicates some water may have been pumped out of the bottle, need to check calibration.

Notes: Silicone "dam" and sandbags removed from channel. Calibration line removed and original intake reconnected.

MO-VEN Ventura (Moon Ditch)

▪ 03/17/10 @ 10:35

Notes: Cleaned algae from channel. Installed sand-weighted silicone dam.

4230: 0.041', 1 cfs. Bubbler out of communication with water.

6712: Installed Teflon calibration line and cleaned with HNO₃ and distilled water. Bottle in, lid off, guide cap on, refrigerator at 4 °C. Program time paced, 1, 19 L bottle, 20 min/sample, 70 samples, 250 ml/sample (due to very small "pool" behind dam), sample at enable, no delay to start, max. run time 24 hrs. First sample taken @ 12:30, volume good.

NPDES 2009/2010 Event #4 (Dry)

Grab samples: Taken at 12:15 from channel bottom.

Field Measurements: Temperature = 28.0° C pH = 9.63
DO (%) = N/A Conductivity = 77.3 uS Salinity = 0.0 ppt
DO(mg/L) = N/A Specific Conductance = 67.2 uS

▪ **03/18/10 @ 09:46**

Notes: Removed silicone “dam”, sandbags, and calibration line from channel.

4230: 0.104', 2 cfs.

6712: “Sample 68 after 03:07.”

Composite samples: Pulled @ 10:50. Bottle full, need to recalibrate due to upcoming samples which would have forced water to be pumped back out of bottle.

Sample Tracking

Bacteria samples to VCHCA (Susan Benavides):

03/17/10 @ 13:10: ME-CC, ME-SCR, and ME-VR2 by Kelly Hahs.

03/17/10 @ 14:42: MO-CAM, MO-OJA, MO-MEI, and MO-VEN by Tommy Liddell and Bill Carey.

Grab and composite samples picked up at the Saticoy Operations Yard by Weck-provided courier (Amir Levy from RMS) on 03/18/10 @ 14:05 for delivery to Weck Laboratories, Inc.

Appendix E. Chain-of Custody Forms



Chain of Custody Record

Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Bacteriological - VCHCA Lab

Sampling Date: 10/13/09 Sample Event: EVENT #1 (WET)
Sampling Team: T. LIODELL, W.B. CAREY, K. HAHS

| LAB USE ONLY | SAMPLE ID | DATE/TIME COLLECTED | Total Coliform (25 Tube Method - MPNX) | Fecal Coliform (25 Tube Method - MPNX) | Enterococcus (Tray Method - WQ IDEXX) | E. coli (Tray Method - WQ IDEXX) | Total Coliform (Tray Method - WQ IDEXX) | | | Number of Bottles | NOTES |
|--------------|------------------|---------------------|--|--|---------------------------------------|----------------------------------|---|--|--|-------------------|-------|
| | ME-CC | 10/13/09 1845 | X | X | X | X | X | | | 1 | |
| | ME-SCR | 10/13/09 2245 | X | X | X | X | X | | | 1 | |
| | ME-VR2 | 10/13/09 2150 | X | X | X | X | X | | | 1 | |
| | Camarillo-1 | 10/13/09 1830 | X | X | X | X | X | | | 1 | |
| | Ojai-1 | 10/13/09 2050 | X | X | X | X | X | | | 1 | |
| | VCMeiners Oaks-1 | 10/13/09 2015 | X | X | X | X | X | | | 1 | |
| | Ventura-1 | 10/13/09 2315 | X | X | X | X | X | | | 1 | |
| | MB 1 | | X | X | X | X | X | | | 1 | |
| | | | | | | | | | | | |

Relinquished Printed Name Tommy Liodelle
Signature [Signature]
Affiliation VCWPD Date/Time 10/13/09 1155

Received Printed Name Susan Benavides
Signature [Signature]
Affiliation PHH Lab Date/Time 10/13/09 1155

Other Notes: _____



Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Toxicity - ABC Laboratories

Sampling Date: 10/13/09 Sample Event: EVENT 1
 Sampling Team: K. HAHS, T. LIDDELL, WB CAREY

| SAMPLE ID | DATE/TIME COLLECTED | Chronic toxicity - topsmelt (<i>Atherinops affinis</i>) | Chronic toxicity - giant kelp (<i>Macrocystis pyrifera</i>) | Chronic toxicity - purple sea urchin (<i>Strongylocentrotus purpuratus</i>) | Chronic toxicity - fathead minnow (<i>Pimephales promelas</i>) | Chronic toxicity - daphnid (<i>Ceriodaphnia dubia</i>) | Chronic toxicity - green alga (<i>Raphidocelis subcapitata</i>) | Number of 5-Gallon Buckets | NOTES |
|------------------|---------------------|---|---|---|--|--|---|----------------------------|--------|
| ME-CC | 10/13/09 18:45 | X | X | X | | | | 2 | Note 1 |
| ME-SCR | 10/13/09 22:45 | X | X | X | | | | 2 | Note 1 |
| ME-VR2 | 10/13/09 21:50 | X | X | X | | | | 2 | Note 1 |
| Camarillo-1 | 10/13/09 18:30 | | | | X | X | X | 2 | Note 1 |
| Ojai-1 | 10/13/09 20:50 | | | | X | X | X | 2 | Note 1 |
| VCMeiners Oaks-1 | 10/13/09 20:15 | | | | X | X | X | 2 | Note 1 |
| Ventura-1 | 10/13/09 23:15 | | | | X | X | X | 2 | Note 1 |
| | | | | | | | | | |
| | | | | | | | | | |

Relinquished Printed Name KELLY HAHS
 Signature [Signature]
 Affiliation VCWPD Date/Time 10/14/09 / 10:40

Received Printed Name E. MATWU
 Signature [Signature]
 Affiliation Date/Time 10-14-09 1040

Other Notes: Note 1: Please execute TIE if mortality > 50%
Dilutions 6.25, 12.5, 25, 50, 100%



Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Grabs - Weck Laboratories

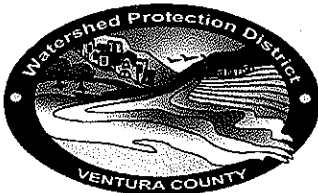
Sampling Date: 10/13/09 Sample Event: #1 (WET)
 Sampling Team: T. LIDDELL, W.B. CAREY, K. HAHNS

| SAMPLE ID | DATE/TIME COLLECTED | Oil & Grease (EPA 1664A) | Cyanide (EPA 335.4) | O&G-NP (EPA 1664) | MTBE & 2CLEVE (EPA 524.2) | Mercury (EPA 1613) | pH (SM4500 H+ B) | | | | | | | | | | Number of Bottles | NOTES |
|------------------|---------------------|--------------------------|---------------------|-------------------|---------------------------|--------------------|------------------|--|--|--|--|--|--|--|--|--|-------------------|----------------|
| ME-CC | 10/13/09 1845 | X | X | X | X | X | X | | | | | | | | | | 9 | TEMP. = 19.3°C |
| ME-SCR | 10/13/09 2245 | X | X | X | X | X | X | | | | | | | | | | 9 | TEMP. = 17.6°C |
| ME-VR2 | 10/13/09 2150 | X | X | X | X | X | X | | | | | | | | | | 9 | TEMP. = 17.2°C |
| Camarillo-1 | 10/13/09 1830 | X | X | X | X | X | X | | | | | | | | | | 9 | TEMP. = 18.6°C |
| Ojai-1 | 10/13/09 2050 | X | X | X | X | X | X | | | | | | | | | | 9 | TEMP. = 17.0°C |
| VCMeiners Oaks-1 | 10/13/09 2015 | X | X | X | X | X | X | | | | | | | | | | 9 | TEMP. = 17.1°C |
| Ventura-1 | 10/13/09 2315 | X | X | X | X | X | X | | | | | | | | | | 9 | TEMP. = 18.3°C |
| MB-1 | | X | X | X | X | X | X | | | | | | | | | | 9 | |
| | | | | | | | | | | | | | | | | | | |

Relinquished Printed Name TOMMY LIDDELL
 Signature [Signature]
 Affiliation VCWPD Date/Time 10/14/09 1345

Received Printed Name ALVIN JONES
 Signature [Signature]
 Affiliation ESSENTIAL Date/Time 10/14/09 1:45

Other Notes: _____



Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Composites - Weck Laboratories

Sampling Date: 10/14/09 Sample Event: #1 (WET)
 Sampling Team: T. LIDDELL, W.B. CAREY, K. HANS

| SAMPLE ID | DATE/TIME COLLECTED | Metals, total & dissolved (+ Hardness) | | | | | | | | | | | Number of Bottles | NOTES |
|------------------|---------------------|--|-----------------------------------|-------------------------------------|--------------------------------|------------------------------|------------------|---------------------------|---------------------------|--------------------------------|--|--|-------------------|-------|
| | | Cr+6, Tot. & Diss. | BOD, COD, MBAS, TKN, Ammonia, TOC | NO3, NO3+NO2 (353.2), Cl, F (300.0) | Phosphorus-P Total & Dissolved | Phenolics, Chlorine Residual | 608-CTR, 625-CTR | 515.3-Herb 547-Glyphosate | 525.2 Reg+507, 525-OPP-LL | ALK, CLO4, Turb, TDS, TSS, VSS | | | | |
| ME-CC | 10/14/09 1100 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | 1 | |
| ME-SCR | 10/14/09 1145 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | 1 | |
| ME-VR2 | 10/14/09 1300 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | 1 | |
| Camarillo-1 | 10/14/09 1240 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | 1 | |
| X Ojai-1 | 10/14/09 1220 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | 1 | |
| VCMeiners Oaks-1 | 10/14/09 1240 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | 1 | |
| Ventura-1 | 10/14/09 1110 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | 1 | |
| MB-1 | | | | | | | | | | | | | 1 | |
| | | | | | | | | | | | | | | |

Relinquished Printed Name TAMMY LIDDELL
 Signature [Signature]
 Affiliation UCWPD Date/Time 10/14/09 1345

Received Printed Name ALVIN JONES
 Signature [Signature]
 Affiliation ESSENTIAL Date/Time 10/14/09 1:45

Other Notes: _____



Chain of Custody Record
Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Equipment - Weck Laboratories

Sampling Date: 10/14/09 Sample Event: #1 CWET
Sampling Team: T. LIDDELL, W.B. CAREY, K. HARRIS

| EQUIPMENT | NUMBER OF PIECES | NOTES |
|---|---------------------|--------|
| 19 L carboy (narrow-mouth) | III 3 | Note 1 |
| 19 L carboy (narrow-mouth) lid (#holes/#no holes) | 0/3 III | Note 1 |
| 18.5 L carboy (wide-mouth) | IIII 4 | Note 1 |
| 18.5 L carboy (wide-mouth) lid (#holes/#no holes) | III 3/4 IIII | Note 1 |
| Plastic/nylon keeper for narrow-mouth bottles | III 3 | |
| Blue cube cooler | IIII 6 | |
| Black bags | IIII 6 | |
| | | |
| | | |

Relinquished Printed Name TOMMY LIDDELL
Signature [Signature]
Affiliation VCWPD Date/Time 10/14/09 1345

Received Printed Name ALVIN JONES
Signature [Signature]
Affiliation ESS/PTIAL Date/Time 10/14/09 1:45

Other Notes: Note 1: Please clean per SOP



Chain of Custody Record

Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Bacteriological - VCHCA Lab

Sampling Date: 12/7/09 Sample Event: #2 (WET)
Sampling Team: T. LIDDELL, W.B. CAREY, K. HAYS

| LAB USE ONLY | SAMPLE ID | DATE/TIME COLLECTED | Total Coliform (25 Tube Method - MPNX) | Fecal Coliform (25 Tube Method - MPNX) | Enterococcus (Tray Method - WQ IDEXX) | E. coli (Tray Method - WQ IDEXX) | Total Coliform (Tray Method - WQ IDEXX) | | | Number of Bottles | NOTES |
|--------------|-----------------------|---------------------|--|--|---------------------------------------|----------------------------------|---|--|--|-------------------|-------|
| | ME-CC | 12/7/09 12:00 | X | X | X | X | X | | | 1 | |
| | ME-SCR | 16:30 | X | X | X | X | X | | | 1 | |
| | ME-VR2 | 15:15 | X | X | X | X | X | | | 1 | |
| | MO-Cam-1 | 12:30 | X | X | | X | X | | | 1 | |
| | MO-Ojai-1 | 13:45 | X | X | | X | X | | | 1 | |
| | MO-MOaks-1 | 14:15 | X | X | | X | X | | | 1 | |
| | MO-Ven-1 | 16:00 | X | X | | X | X | | | 1 | |
| | MO-MO MD-1 | 13:45 | X | X | | X | X | | | 1 | |
| | | | | | | | | | | | |

Relinquished Printed Name TOMMY LIDDELL
Signature [Signature]
Affiliation VCWPP Date/Time 12/7/09 1735

Received Printed Name Suran [Signature] Date/Time 12/7/09 1735
Signature _____
Affiliation _____ Date/Time _____

Other Notes: _____



Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Toxicity - ABC Laboratories

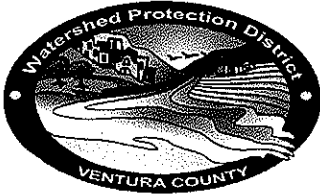
Sampling Date: 12/7/09 Sample Event: #2 (WET)
 Sampling Team: T. LIDDELL, U.B. CAREY, K. HAYS

| SAMPLE ID | DATE/TIME COLLECTED | Chronic toxicity - topsmelt (<i>Atherinops affinis</i>) | Chronic toxicity - inland silverside (<i>Menidia beryllina</i>) | Chronic toxicity - giant kelp (<i>Macrocystis pyrifera</i>) | Chronic toxicity - purple sea urchin (<i>Strongylocentrotus purpuratus</i>) | Chronic toxicity - fathead minnow (<i>Pimephales promelas</i>) | Chronic toxicity - daphnid (<i>Ceriodaphnia dubia</i>) | Chronic toxicity - green alga (<i>Raphidocelis subcapitata</i>) | Number of 5-Gallon Buckets | NOTES |
|------------|---------------------|---|---|---|---|--|--|---|----------------------------|----------------|
| ME-CC | 12/7/09 12:00 | X | X | X | X | | | | 2 | Note 1, Note 2 |
| ME-SCR | 16:30 | X | X | X | X | | | | 2 | Note 1, Note 2 |
| ME-VR2 | 15:15 | X | X | X | X | | | | 2 | Note 1, Note 2 |
| MO-Cam-1 | 12:30 | | | | | X | X | X | 2 | Note 1, Note 2 |
| MO-Ojai-1 | 13:45 | | | | | X | X | X | 2 | Note 1, Note 2 |
| MO-MOaks-1 | 14:15 | | | | | X | X | X | 2 | Note 1, Note 2 |
| MO-Ven-1 | 16:00 | | | | | X | X | X | 2 | Note 1, Note 2 |
| | | | | | | | | | | |
| | | | | | | | | | | |

Relinquished Printed Name TOMMY LIDDELL
 Signature [Signature]
 Affiliation VCWPD Date/Time: 12/7/09 18:30

Received Printed Name Michael Wachuk
 Signature [Signature]
 Affiliation ABCL Date/Time 12/7/09

Other Notes: Note 1: Dilutions - 6.25%, 12.5%, 25%, 50%, 100%
Note 2: Please execute TIE if mortality > 50%



Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Grabs - Weck Laboratories

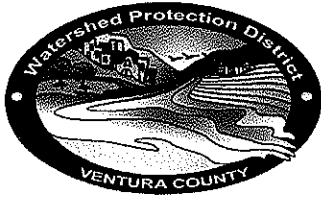
Sampling Date: 12/7/09 Sample Event: # 2 (WET)
 Sampling Team: T. LIDDELL, W. B. CAREY, K. HAHS

| SAMPLE ID | DATE/TIME COLLECTED | Oil & Grease (EPA 1664A) | Cyanide (EPA 335.4) | O&G-NP (EPA 1664A) | MTBE & 2CLEVE (EPA 524.2) | Travel Blanks (EPA 524.2)-only analyze if hits | Mercury (EPA 245.1) | pH (SM4500 H+ B) | | | | | | | | Number of Bottles | NOTES |
|------------|---------------------|--------------------------|---------------------|--------------------|---------------------------|--|---------------------|------------------|--|--|--|--|--|--|--|-------------------|--|
| ME-CC | 12/7/09 12:00 | X | X | X | X | X | X | X | | | | | | | | 11 | |
| ME-SCR | 16:30 | X | X | X | X | X | X | X | | | | | | | | 11 | |
| ME-VR2 | 15:15 | X | X | X | X | X | X | X | | | | | | | | 11 | |
| MO-Cam-1 | 12:30 | X | X | X | X | X | X | X | | | | | | | | 11 | |
| MO-Ojai-1 | 13:45 | X | X | X | X | X | X | X | | | | | | | | 11 | |
| MO-MOaks-1 | 14:15 | X | X | X | X | X | X | X | | | | | | | | 11 | |
| MO-Ven-1 | 16:00 | X | X | X | X | X | X | X | | | | | | | | 11 | oil grease sampled @ 17:55 (EPA 1664A) |
| MD-1 | 13:45 | X | X | X | X | X | X | X | | | | | | | | 11 | |
| | | | | | | | | | | | | | | | | | |

Relinquished Printed Name TOMMY LIDDELL
 Signature [Signature]
 Affiliation VCWPD Date/Time 12/8/09 1415

Received Printed Name [Signature]
 Signature [Signature]
 Affiliation _____ Date/Time 12-8-09 - 1150 PM

Other Notes: Please run 524.2 on travel blanks only if constituents detected in original analysis



Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Composites - Weck Laboratories

Sampling Date: 12/8/09 Sample Event: #2 (WET)
 Sampling Team: T. LIDDELL, WB CAREY

| SAMPLE ID | DATE/TIME COLLECTED | Barium, total | Chlorine Residual | NO3-N | Metals, total & dissolved (+ Hardness) | Cr+6, Tot. & Diss. | BOD, COD, MBAS, TKN, Ammonia, TOC | NO3+NO2 (353.2), Cl, F (300.0), Phenolics | Phosphorus-P Total & Dissolved | 625-CTR, 8270SIM-PAH, 8270SIM-Phenols * | 8151A-Herb 547-Glyphosate, 608-CTR | 525.2 Reg+507, 525-OPP-LL | ALK, CLO4, Turb, TDS, TSS, VSS, Cond | Number of Bottles | NOTES |
|-----------------|---------------------|---------------|-------------------|-------|--|--------------------|-----------------------------------|---|--------------------------------|---|------------------------------------|---------------------------|--------------------------------------|-------------------|-----------------------|
| ME-CC | 12/8/09 12:15 | X | X | X | X | X | X | X | X | X | X | X | X | 1 | #1 - HERBICIDES |
| ME-SCR | 13:30 | X | | | X | X | X | X | X | X | X | X | X | 1 | #1 - PESTICIDES |
| ME-VR2 | 11:00 | | | X | X | X | X | X | X | X | X | X | X | 1 | |
| MO-Cam-1 | 13:00 | | | | X | X | X | X | X | X | X | X | X | 1 | |
| MO-Ojai-1 | 10:00 | | | X | X | X | X | X | X | X | X | X | X | 1 | #1 - CONVENTIONAL |
| MO-MOaks-1 | 10:30 | | | X | X | X | X | X | X | X | X | X | X | 1 | #1 - METALS, 608, 625 |
| MO-Ven-1 | 11:30 | | | | X | X | X | X | X | X | X | X | X | 1 | #1 - NUTRIENTS |
| MO-1 | | | | | X | X | X | X | X | X | X | X | X | 1 | |

Metals by 200.8, Total & Dissolved:
 Sb, Ag, Al, As, Be, Cd, Cr, Cu, Fe, Ni, Pb, Se, Ti, Zn, Hg

Metals by 200.7, Total (only):
 Ca, Mg (for Hardness calc.)

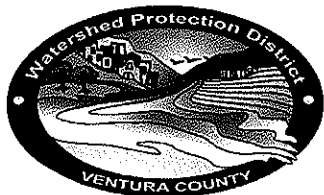
608 include alpha- & gamma-chlordane

* Same extraction with low-level spike for 3 methods:
 625CTR, 8270SIM-PAH, & 8270SIM-PHENOLS

Relinquished Printed Name TOMMY LIDDELL
 Signature [Signature]
 Affiliation VCWPD Date/Time 12/8/09 1415

Received Printed Name Christian [Signature]
 Signature [Signature]
 Affiliation Date/Time 12-8-09 - 1:50 PM

Other Notes: #1: PLEASE RUN MS/MSD ANALYSIS FROM SURPLUS SAMPLE



Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Field Measurements - VCWPD

Sampling Date: _____ Sample Event: _____

Sampling Team: _____

| SAMPLE ID | DATE/TIME COLLECTED | pH [pH units] (Beckman 255) | Dissolved Oxygen [mg/L] (YSI85) | Dissolved Oxygen [%] (YSI85) | Temperature [°C] (YSI85) | Conductivity (YSI85) | Specific Conductance (YSI85) | Salinity (YSI85) | NOTES (Serial #, etc.) |
|------------|---------------------|-----------------------------|---------------------------------|------------------------------|--------------------------|----------------------|------------------------------|------------------|------------------------|
| ME-CC | 12/7/09 12:00 | 7.80 | 80.7 | 8.44 | 13.2 | 778 | 1003 | 0.5 | |
| ME-SCR | 14:30 | 7.80 | 77.6 | 8.27 | 12.3 | 915 | 1208 | 0.6 | |
| ME-VR2 | 15:15 | 7.48 | 73.6 | 8.04 | 11.2 | 739 | 1002 | 0.5 | |
| MO-Cam-1 | 12:30 | 8.26 | 92.4 | 9.97 | 11.9 | 82.7 | 110.5 | 0.1 | |
| MO-Ojai-1 | 13:45 | 7.62 | 96.0 | 10.55 | 11.2 | 74.8 | 110.6 | 0.1 | * MD-1 |
| MO-MOaks-1 | 14:15 | 7.71 | 96.2 | 10.82 | 9.7 | 85.5 | 120.9 | 0.1 | |
| MO-Ven-1 | 16:00 | 7.69 | 90.7 | 9.61 | 12.7 | 106.2 | 138.8 | 0.1 | |
| | | | | | | | | | |
| | | | | | | | | | |

Relinquished Printed Name _____

Signature _____

Affiliation _____ Date/Time _____

Received Printed Name _____

Signature _____

Affiliation _____ Date/Time _____

Other Notes: Calibration of handheld equipment to occur before each event. Calibration logs stored at Saticoy Operations

Yard. _____



Chain of Custody Record
Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Equipment - Weck Laboratories

Sampling Date: 12/7/09 - 12/8/09 Sample Event: EVENT # 2 (WET)
 Sampling Team: T. LIDDELL, W.B. CAREY, K. HALLIS

| EQUIPMENT | NUMBER OF PIECES | NOTES |
|---|---------------------|--------|
| 19 L carboy (narrow-mouth) | 0 | Note 1 |
| 19 L carboy (narrow-mouth) lid (#holes/#no holes) | 0 | Note 1 |
| 18.5 L carboy (wide-mouth) | 7 | Note 1 |
| 18.5 L carboy (wide-mouth) lid (#holes/#no holes) | 4 / 7 | Note 1 |
| Plastic/nylon keeper for narrow-mouth bottles | 0 | Note 1 |
| Blue cube cooler | 7 | |
| Black bags | 7 | |
| | | |
| | | |

Relinquished Printed Name TOMMY LIDDELL
 Signature [Signature]
 Affiliation VCWPA Date/Time 12/8/09 1415

Received Printed Name [Signature]
 Signature [Signature]
 Affiliation _____ Date/Time 12-8-09 - 1:30 PM

Other Notes: Note 1: Please clean per SOP



Chain of Custody Record
Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Bacteriological - VCHCA Lab

Sampling Date: 2/5/10 Sample Event: #3 (WET)

Sampling Team: T. LIDDELL, E. EISCA

| LAB USE ONLY | SAMPLE ID | DATE/TIME COLLECTED | Total Coliform (25 Tube Method - MPNX) | Fecal Coliform (25 Tube Method - MPNX) | Enterococcus (Tray Method - WQ IDEXX) | E. coli (Tray Method - WQ IDEXX) | Total Coliform (Tray Method - WQ IDEXX) | | | Number of Bottles | NOTES |
|--------------|-----------|---------------------|--|--|---------------------------------------|----------------------------------|---|--|--|-------------------|-------|
| | ME-VR2 | 2/5/10 1145 | X | X | X | X | X | | | 1 | |
| | MO-OJA | 2/5/10 1015 | X | X | | X | X | | | 1 | |
| | MO-MEI | 2/5/10 1100 | X | X | | X | X | | | 1 | |
| | MD-1 | 2/5/10 1015 | X | X | | X | X | | | 1 | |
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Relinquished Printed Name TOMMY LIDDELL

Signature [Signature]

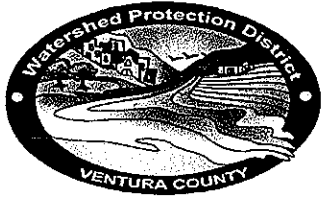
Affiliation VCWPD Date/Time 2/5/10 1245

Received Printed Name Brett Austin

Signature [Signature]

Affiliation Lab Director Date/Time 2/5/10 1245

Other Notes: _____



Chain of Custody Record
Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Bacteriological - VCHCA Lab

Sampling Date: 2-5-10 Sample Event: 3 (WET)

Sampling Team: ARNE ANSELM, KELLY HAHS

| LAB USE ONLY | SAMPLE ID | DATE/TIME COLLECTED | Total Coliform (25 Tube Method - MPNX) | Fecal Coliform (25 Tube Method - MPNX) | Enterococcus (Tray Method - WQ IDEXX) | E. coli (Tray Method - WQ IDEXX) | Total Coliform (Tray Method - WQ IDEXX) | | | Number of Bottles | NOTES |
|--------------|-----------|---------------------|--|--|---------------------------------------|----------------------------------|---|--|--|-------------------|-------|
| | ME-CC | 2/5/10 11:50 | X | X | X | X | X | | | 1 | |
| | ME-SCR | 2/5/10 13:25 | X | X | X | X | X | | | 1 | |
| | MO-CAM | 2/5/10 11:15 | X | X | | X | X | | | 1 | |
| | MO-VEN | 2/5/10 10:25 | X | X | | X | X | | | 1 | |
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Relinquished Printed Name KELLY HAHS

Signature [Signature]

Affiliation VCWPD Date/Time 2/5/10 / 14:53

Received Printed Name Susan [Signature]

Signature [Signature]

Affiliation VCWPD Lab Date/Time 02/05/10 1453

Other Notes: _____



Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Grabs - Weck Laboratories

Sampling Date: 2/5/10 Sample Event: EVENT #3 (WET)
 Sampling Team: T. LIDDELL, E. EISCH

| SAMPLE ID | DATE/TIME COLLECTED | | | | | | | | | | | Number of Bottles | NOTES |
|-----------|---------------------|--------------------------|---------------------|--------------------|----------------------------|--|---------------------|------------------|--|--|--|-------------------|-------|
| | | Oil & Grease (EPA 1664A) | Cyanide (EPA 335.4) | O&G-NP (EPA 1664A) | MTBE & 2-CLEVE (EPA 524.2) | Travel Blanks (EPA 524.2)-only analyze if hits | Mercury (EPA 245.1) | pH (SM4500 H+ B) | | | | | |
| ME-VR2 | 2/5/10 11:45 | X | X | X | X | X | X | X | | | | 11 | |
| MO-OJA | 2/5/10 10:15 | X | X | X | X | X | X | X | | | | 11 | |
| MO-MEI | 2/5/10 11:00 | X | X | X | X | X | X | X | | | | 11 | |
| MO-1 | 2/5/10 10:15 | X | X | X | X | X | X | X | | | | 11 | |
| | | | | | | | | | | | | | |
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Lab to select samples for MS/MSD where extra volume permits (all test methods) excluding travel blanks.

Relinquished Printed Name KELLY HAHS
 Signature [Signature]
 Affiliation VCWPD Date/Time 2/6/10 / 15:00

Received Printed Name [Signature] (AMIR LEVY)
 Signature [Signature]
 Affiliation AMS Date/Time 2-6-10 / 15:00

Other Notes: Please run 524.2 on travel blanks only if constituents detected in original analysis



Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Grabs - Weck Laboratories

Sampling Date: 2-5-10 Sample Event: 3 (WET)
 Sampling Team: ARNE ANSELM, KELLY HAHS

| SAMPLE ID | DATE/TIME COLLECTED | Oil & Grease (EPA 1664A) | Cyanide (EPA 335.4) | O&G-NP (EPA 1664A) | MTBE & 2CLEVE (EPA 524.2) | Travel Blanks (EPA 524.2)-only analyze if hits | Mercury (EPA 245.1) | pH (SM4500 H+ B) | | | | | | | | Number of Bottles | NOTES |
|-------------------|-------------------------|--------------------------|---------------------|--------------------|---------------------------|--|---------------------|------------------|--|--|--|--|--|--|--|-------------------|--|
| | | | | | | | | | | | | | | | | | |
| ME-CC | 2-5-10 11:50 | X | X | X | X | X | X | X | | | | | | | | 11 | |
| ME-SCR | 2-5-10 13:25 | X | X | X | X | X | X | X | | | | | | | | 11 | Please dispose of samples and do not run analyses on ME-SCR |
| MO-CAM | 2-5-10 11:15 | X | X | X | X | X | X | X | | | | | | | | 11 | |
| MO-VEN | 2-5-10 10:25 | X | X | X | X | X | X | X | | | | | | | | 11 | |
| | 9:10 AEA | | | | | | | | | | | | | | | | |
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Relinquished Printed Name KELLY HAHS
 Signature [Signature]
 Affiliation VCWPD Date/Time 2/5/10 / 15:00

Received Printed Name [Signature]
 Signature [Signature]
 Affiliation RMS Date/Time 2-6-10

Other Notes: Please run 524.2 on travel blanks only if constituents detected in original analysis



Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Composites - Week Laboratories

Sampling Date: 2/6/10

Sample Event: EVENT #3 (WET)

Sampling Team: T. LIDDELL K. HANS

| SAMPLE ID | DATE/TIME COLLECTED | Barium, total | Chlorine Residual | NO3-N | Metals, total & dissolved (+ Hardness) | Cr+6 | BOD, COD, MBAS, TKN, Ammonia, TOC | NO3+NO2 (353.2), Cl, F (300.0), Phenolics | Phosphorus-P Total & Dissolved | 625-CTR, 8270SIM-PAH, 8270SIM-Phenols * | 515.3-Herb 547-Glyphosate, 608-CTR | 525.2 Reg+507, 525-OPP-LL | ALK, CLO4, Turb, TDS, TSS, VSS, Cond | Number of Bottles | NOTES |
|-------------------|-------------------------|---------------|-------------------|--------------|--|--------------|-----------------------------------|---|--------------------------------|---|------------------------------------|---------------------------|--------------------------------------|-------------------|-------|
| | | | | | | | | | | | | | | | |
| ME-VR2 | 2/6/10 10:55 | | | X | X | X | X | X | X | X | X | X | X | 1 | |
| MO-OJA | 2/6/10 11:35 | | | X | X | X | X | X | X | X | X | X | X | 1 | |
| MO-MEI | 2/6/10 11:20 | | | X | X | X | X | X | X | X | X | X | X | 1 | |
| MO-MEI | 2/6/10 11:20 | | | X | X | X | X | X | X | X | X | X | X | 1 | |
| | | | | | | | | | | | | | | | |
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Metals by 200.8, Total & Dissolved:
Sb, Ag, Al, As, Be, Cd, Cr, Cu, Fe, Ni, Pb, Se, Ti, Zn, Hg

Metals by 200.7, Total (only):
Ca, Mg (for Hardness calc.)

608 include alpha- & gamma-chlordane

* Same extraction with low-level spike for 3 methods:
625CTR, 8270SIM-PAH, & 8270SIM-PHENOLS

Lab to select samples for MS/MSD where extra volume permits (all test methods)

Relinquished Printed Name KELLY HANS

Signature *Kelly Hans*

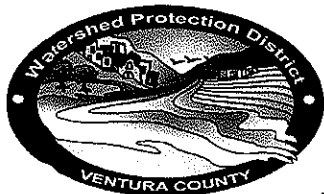
Affiliation VCWPD Date/Time 2/6/10 15:00

Received Printed Name *Paul Carson*

Signature *Paul Carson*

Affiliation AMS Date/Time 2-6-10 15:00

Other Notes: _____



Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Composites - Weck Laboratories

Sampling Date:

2/6/10

Sample Event:

3 (WET)

Sampling Team:

~~ALAN~~ KELLY HAHS, TOMMY LIDDELL

| SAMPLE ID | DATE/TIME COLLECTED | Barium, total | Chlorine Residual | NO3-N | Metals, total & dissolved (+ Hardness) | Cr+6 | BOD, COD, MBAS, TKN, Ammonia, TOC | NO3+NO2 (353.2), Cl, F (300.0), Phenolics | Phosphorus-P Total & Dissolved | 625-CTR, 8270SIM-PAH, 8270SIM-Phenols * | 515.3-Herb 547-Glyphosate, 608-CTR | 525.2 Reg+507, 525-OPP-LL | ALK, CLO4, Turb, TDS, TSS, VSS, Cond | Number of Bottles | NOTES |
|-----------|---------------------|---------------|-------------------|-------|--|------|-----------------------------------|---|--------------------------------|---|------------------------------------|---------------------------|--------------------------------------|-------------------|--|
| | | | | | | | | | | | | | | | |
| ME-CC | 2/6/10 12:55 | X | X | X | X | X | X | X | X | X | X | X | X | 1 | |
| ME-SCR | 2/6/10 12:55 | X | | | X | X | X | X | X | X | X | X | X | 1 | Please dispose of sample and do not run analyses on ME-SCR |
| MO-CAM | 2/6/10 13:15 | | | | X | X | X | X | X | X | X | X | X | 1 | |
| MO-VEN | 2/6/10 12:30 | | | | X | X | X | X | X | X | X | X | X | 1 | |
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Metals by 200.8, Total & Dissolved:
Sb, Ag, Al, As, Be, Cd, Cr, Cu, Fe, Ni, Pb, Se, Tl, Zn, Hg

Metals by 200.7, Total (only):
Ca, Mg (for Hardness calc.)

608 include alpha- & gamma-chlordane

* Same extraction with low-level spike for 3 methods:
625CTR, 8270SIM-PAH, & 8270SIM-PHENOLS

Lab to select samples for MS/MSD where extra volume permits (all test methods)

Relinquished

Printed Name

KELLY HAHS

Signature

Kelly HaHS

Affiliation

VCWPD

Date/Time

2/6/10 / 15:00

Received

Printed Name

Tommy Liddell

Signature

Tommy Liddell

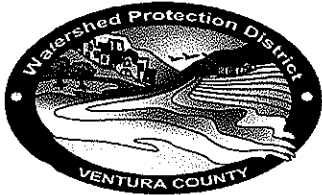
Affiliation

RMS

Date/Time

2-6-10 / 15:00

Other Notes:



Chain of Custody Record
Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Equipment - Weck Laboratories

Sampling Date: 2-6-10 Sample Event: EVENT # 3 (WET)
Sampling Team: T. LIDDELL, K. HAHS

| EQUIPMENT | NUMBER OF PIECES | NOTES |
|---|---------------------|--------|
| 19 L carboy (narrow-mouth) | 0 | Note 1 |
| 19 L carboy (narrow-mouth) lid (#holes/#no holes) | 0 | Note 1 |
| 18.5 L carboy (wide-mouth) | 7 | Note 1 |
| 18.5 L carboy (wide-mouth) lid (#holes/#no holes) | 3/7 | Note 1 |
| Plastic/nylon keeper for narrow-mouth bottles | 0 | Note 1 |
| Blue cube cooler | 7 | |
| Black bags | 7 | |
| | | |
| | | |

Relinquished Printed Name KELLY HAHS
Signature [Signature]
Affiliation VCWPD Date/Time 2/6/10 / 15:00

Received Printed Name [Signature]
Signature [Signature]
Affiliation KMS Date/Time 2-6-10 / 15:00

Other Notes: Note 1: Please clean per SOP



Chain of Custody Record
Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Bacteriological - VCHCA Lab

Sampling Date: 2/20/10 Sample Event: 3A
 Sampling Team: T. LIDDELL

| LAB USE ONLY | SAMPLE ID | DATE/TIME COLLECTED | Total Coliform (25 Tube Method - MPNX) | Fecal Coliform (25 Tube Method - MPNX) | Enterococcus (Tray Method - WQ IDEXX) | E. coli (Tray Method - WQ IDEXX) | Total Coliform (Tray Method - WQ IDEXX) | | Number of Bottles | NOTES |
|--------------|-----------|---------------------|--|--|---------------------------------------|----------------------------------|---|--|-------------------|-------|
| | ME-SCR | 2/20/10 0930 | X | X | X | X | X | | 1 | |
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Relinquished Printed Name TOMMY LIDDELL
 Signature Tommy Liddell
 Affiliation VCHCA Date/Time 2/20/10 10:05

Received Printed Name Susan Benavides
 Signature Susan Benavides
 Affiliation Date/Time 02/20/10 10:25

Other Notes: _____



Chain of Custody Record
Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Grabs - Weck Laboratories

Sampling Date: 2/20/10

Sample Event: 3A

Sampling Team: T. LIDDELL

| SAMPLE ID | DATE/TIME COLLECTED | Oil & Grease (EPA 1664A) | Cyanide (EPA 335.4) | O&G-NP (EPA 1664A) | MTBE & 2CLEVE (EPA 524.2) | Travel Blanks (EPA 524.2)-only analyze if hits | Mercury (EPA 245.1) | pH (SM4500 H+ B) | | | | | | | | | | Number of Bottles | NOTES |
|-----------|---------------------|--------------------------|---------------------|--------------------|---------------------------|--|---------------------|------------------|--|--|--|--|--|--|--|--|--|-------------------|---|
| ME-SCR | 2/20/10 0930 | X | X | X | X | X | X | X | | | | | | | | | | 11 | Lab to select samples for MS/MSD where extra volume permits (all test methods) excluding travel blanks. |
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Relinquished

Printed Name W. B. CAREY

Signature W. B. Carey

Affiliation VCWPD

Date/Time 2/22/10 1100

Received

Printed Name [Signature]

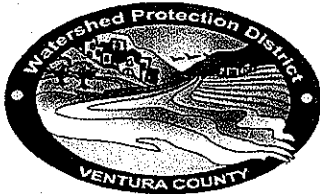
Signature [Signature]

Affiliation [Signature]

Date/Time 2/22/10 1100

Other Notes:

Please run 524.2 on travel blanks only if constituents detected in original analysis



Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Composites - Weck Laboratories

Sampling Date: 2/22/10

Sample Event: 3A

Sampling Team: W.B. CAREY

| SAMPLE ID | DATE/TIME COLLECTED | Barium, total | Chlorine Residual | NO3-N | Metals, total & dissolved (+ Hardness) | Cr+6 | BOD, COD, MBAS, TKN, Ammonia, TOC | NO3+NO2 (353.2), Cl, F (300.0), Phenolics | Phosphorus-P Total & Dissolved | 625-CTR, 8270SIM-PAH, 8270SIM-Phenols * | 515.3-Herb 547-Glyphosate, 608-CTR | 525.2 Reg+507, 525-OPP-LL | ALK, CLO4, Turb, TDS, TSS, VSS, Cond | Number of Bottles | NOTES |
|-----------|---------------------|---------------|-------------------|-------|--|------|-----------------------------------|---|--------------------------------|---|------------------------------------|---------------------------|--------------------------------------|-------------------|---|
| ME-SCR | 2/22/10 1005 | X | | | X | X | X | X | X | X | X | X | X | 1 | <p>Metals by 200.8, Total & Dissolved: Sb, Ag, Al, As, Be, Cd, Cr, Cu, Fe, Ni, Pb, Se, Tl, Zn, Hg</p> <p>Metals by 200.7, Total (only): Ca, Mg (for Hardness calc.)</p> <p>608 include alpha- & gamma-chlordane</p> <p>* Same extraction with low-level spike for 3 methods: 625CTR, 8270SIM-PAH, & 8270SIM-PHENOLS</p> <p>Lab to select samples for MS/MSD where extra volume permits (all test methods)</p> |
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Relinquished Printed Name W.B. CAREY

Signature W.B. Carey

Affiliation VCWPA Date/Time 2/22/10 1100

Received Printed Name [Signature]

Signature [Signature]

Affiliation _____ Date/Time 2/22/10 1100

Other Notes: _____



Chain of Custody Record
Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Equipment - Weck Laboratories

Sampling Date:

2/19/20

Sample Event:

3A

Sampling Team:

T. LIDDELL

| EQUIPMENT | NUMBER OF PIECES | NOTES |
|---|---------------------|--------|
| 19 L carboy (narrow-mouth) | NA | Note 1 |
| 19 L carboy (narrow-mouth) lid (#holes/#no holes) | NA | Note 1 |
| 18.5 L carboy (wide-mouth) | 1 | Note 1 |
| 18.5 L carboy (wide-mouth) lid (#holes/#no holes) | 0/1 | Note 1 |
| Plastic/nylon keeper for narrow-mouth bottles | NA | Note 1 |
| Blue cube cooler | 1 | |
| Black bags | 1 | |
| | | |
| | | |

Relinquished

Printed Name

W. B. CAREY

Signature

W. B. Carey

Affiliation

VCWPD

Date/Time

2/22/20 1100

Received

Printed Name

[Signature]

Signature

Affiliation

Date/Time

2/22/20 1100

Other Notes:

Note 1: Please clean per SOP



Chain of Custody Record
Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Bacteriological - VCHCA Lab

Sampling Date: 3/17/10

Sample Event: NPDES EVENT 4(DRY)

Sampling Team: K. HAHS, E. MARTINEZ

| LAB USE ONLY | SAMPLE ID | DATE/TIME COLLECTED | Total Coliform (25 Tube Method - MPNX) | Fecal Coliform (25 Tube Method - MPNX) | Enterococcus (Tray Method - WQ IDEXX) | E. coli (Tray Method - WQ IDEXX) | Total Coliform (Tray Method - WQ IDEXX) | | | Number of Bottles | NOTES |
|--------------|-----------|---------------------|--|--|---------------------------------------|----------------------------------|---|--|--|-------------------|-------|
| | ME-CC | 3/17/10 12:15 | X | X | X | X | X | | | 1 | |
| | ME-SCR | 3/17/10 08:50 | X | X | X | X | X | | | 1 | |
| | ME-VR2 | 3/17/10 10:40 | X | X | X | X | X | | | 1 | |
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Relinquished Printed Name KELLY HAHS

Signature [Signature]

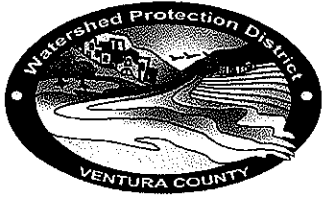
Affiliation VCHCA Date/Time 3/17/10 / 13:10

Received Printed Name Swan Bernard

Signature [Signature]

Affiliation CHCA Date/Time 3/17/10 13:10

Other Notes: _____



Chain of Custody Record
Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Bacteriological - VCHCA Lab

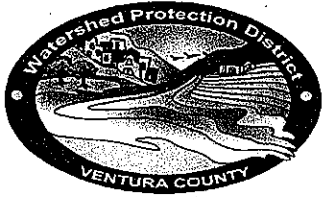
Sampling Date: 3/17/10 Sample Event: # 4 - DRY
 Sampling Team: T. LIDDELL, W.B. CAREY

| LAB USE ONLY | SAMPLE ID | DATE/TIME COLLECTED | Total Coliform (25 Tube Method - MPNX) | Fecal Coliform (25 Tube Method - MPNX) | Enterococcus (Tray Method - WQ IDEXX) | E. coli (Tray Method - WQ IDEXX) | Total Coliform (Tray Method - WQ IDEXX) | | | Number of Bottles | NOTES |
|--------------|-----------|---------------------|---|---|--|-----------------------------------|--|--|--|-------------------|-------|
| | MO-CAM | 3/17/10 1415 | X | X | | X | X | | | 1 | |
| | MO-OJA | 3/17/10 1015 | X | X | | X | X | | | 1 | |
| | MO-MEI | 3/17/10 0915 | X | X | | X | X | | | 1 | |
| | MO-VEN | 3/17/10 1215 | X | X | | X | X | | | 1 | |
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Relinquished Printed Name TOMMY LIDDELL
 Signature [Signature]
 Affiliation VCWPD Date/Time 3/17/10 1440

Received Printed Name MARIA BELCHER
 Signature [Signature]
 Affiliation PH Lab Date/Time 3/17/10 1442

Other Notes: _____



Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Composites - Week Laboratories

Sampling Date: 3/18/10 Sample Event: #4 - DRY

Sampling Team: T. LIDDELL, W. B. CAREY

| SAMPLE ID | DATE/TIME COLLECTED | Barium, total | Chlorine Residual | NO3-N | Metals, total & dissolved (+ Hardness) | Cr+6 | BOD, COD, MBAS, TKN, Ammonia, TOC | NO3+NO2 (353.2), Cl, F (300.0), Phenolics | Phosphorus-P Total & Dissolved | 625-CTR, 8270SIM-PAH, 8270SIM-Phenols * | 515.3-Herb 547-Glyphosate, 608-CTR | 525.2 Regt+507, 525-OPP-LL | ALK, CLO4, Turb, TDS, TSS, VSS, Cond | Number of Bottles | NOTES |
|-----------|---------------------|---------------|-------------------|-------|--|------|-----------------------------------|---|--------------------------------|---|------------------------------------|----------------------------|--------------------------------------|-------------------|-------|
| ME-CC | 3/18/10 1120 | X | X | X | X | X | X | X | X | X | X | X | X | 1 | |
| ME-SCR | 3/18/10 0815 | X | | | X | X | X | X | X | X | X | X | X | 1 | |
| ME-VR2 | 3/18/10 1020 | | | X | X | X | X | X | X | X | X | X | X | 1 | |
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Metals by 200.8, Total & Dissolved:
Sb, Ag, Al, As, Be, Cd, Cr, Cu, Fe, Ni, Pb, Se, Tl, Zn, Hg

Metals by 200.7, Total (only):
Ca, Mg (for Hardness calc.)

608 include alpha- & gamma-chlordane

* Same extraction with low-level spike for 3 methods:
625CTR, 8270SIM-PAH, & 8270SIM-PHENOLS

Lab to select samples for MS/MSD where extra volume permits (all test methods)

Relinquished Printed Name W.B. CAREY

Signature W.B. Carey

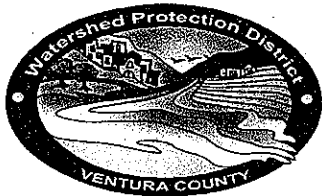
Affiliation VCWPD Date/Time 3/18/2010 1405

Received Printed Name Rick Lewis

Signature Rick Lewis

Affiliation Redwood Date/Time 3/18/2010 1405

Other Notes: _____



Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Composites - Weck Laboratories

Sampling Date: 3/18/10
 Sampling Team: T. LIDDELL, W.B. CAREY

Sample Event: #4-DRY

| SAMPLE ID | DATE/TIME COLLECTED | Barium, total | Chlorine Residual | NO3-N | Metals, total & dissolved (+ Hardness) | Cr+6 | BOD, COD, MBAS, TKN, Ammonia, TOC | NO3+NO2 (353.2), Cl, F (300.0), Phenolics | Phosphorus-P Total & Dissolved | 625-CTR, 8270SIM-PAH, 8270SIM-Phenols * | 515.3-Herb 547-Glyphosate, 608-CTR | 525.2 Reg+507, 525-OPP-LL | ALK, CLO4, Turb, TDS, TSS, VSS, Cond | Number of Bottles | NOTES |
|-----------|---------------------|---------------|-------------------|-------|--|------|-----------------------------------|---|--------------------------------|---|------------------------------------|---------------------------|--------------------------------------|-------------------|---|
| MO-CAM | 3/18/10 1145 | | | | X | X | X | X | X | X | X | X | X | 1 | <div>Metals by 200.8, Total & Dissolved: Sb, Ag, Al, As, Be, Cd, Cr, Cu, Fe, Ni, Pb, Se, Tl, Zn, Hg</div> <div>Metals by 200.7, Total (only): Ca, Mg (for Hardness calc.)</div> <div>608 include alpha- & gamma-chlordane</div> <div>* Same extraction with low-level spike for 3 methods: 625CTR, 8270SIM-PAH, & 8270SIM-PHENOLS</div> <div>Lab to select samples for MS/MSD where extra volume permits (all test methods)</div> |
| MO-OJA | 3/18/10 0915 | | | X | X | X | X | X | X | X | X | X | X | 1 | |
| MO-MEI | 3/18/10 0940 | | | X | X | X | X | X | X | X | X | X | X | 1 | |
| MO-VEN | 3/18/10 1050 | | | | X | X | X | X | X | X | X | X | X | 1 | |
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Relinquished Printed Name W.B. CAREY
 Signature W.B. Carey
 Affiliation VCWPD Date/Time 3/18/2010 1405

Received Printed Name [Signature]
 Signature [Signature]
 Affiliation Reitab Date/Time 3/18/2010 1405

Other Notes: _____



Chain of Custody Record
Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Equipment - Weck Laboratories

Sampling Date: 3/17/10 Sample Event: #4 - DRY
Sampling Team: T. LIDDELL, W.B. CAREY

| EQUIPMENT | NUMBER OF PIECES | NOTES |
|---|---------------------|--------|
| 19 L carboy (narrow-mouth) | | Note 1 |
| 19 L carboy (narrow-mouth) lid (#holes/#no holes) | | Note 1 |
| 18.5 L carboy (wide-mouth) | 7 | Note 1 |
| 18.5 L carboy (wide-mouth) lid (#holes/#no holes) | 3/7 | Note 1 |
| Plastic/nylon keeper for narrow-mouth bottles | | Note 1 |
| Blue cube cooler | 7 | |
| Black bags | 7 | |
| | | |
| | | |

Relinquished Printed Name W.B. CAREY
Signature W.B. Carey
Affiliation VCWPD Date/Time 3/18/2010 1405

Received Printed Name Andre Lopez
Signature [Signature]
Affiliation Reliable Date/Time 3/18/2010 1405

Other Notes: Note 1: Please clean per SOP



Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Grabs - Weck Laboratories

Sampling Date: 3/17/10

Sample Event: NPDES EVENT 4 (DRY)

Sampling Team: K. HAYS E. MARTINEZ

| SAMPLE ID | DATE/TIME COLLECTED | | | | | | | | | | | Number of Bottles | NOTES |
|-----------|---------------------|--------------------------|---------------------|--------------------|---------------------------|--|---------------------|------------------|--|--|--|-------------------|-------|
| | | Oil & Grease (EPA 1664A) | Cyanide (EPA 335.4) | O&G-NP (EPA 1664A) | MTBE & 2CLEVE (EPA 524.2) | Travel Blanks (EPA 524.2)-only analyze if hits | Mercury (EPA 245.1) | pH (SM4500 H+ B) | | | | | |
| ME-CC | 3/17/10 12:15 | X | X | X | X | X | X | X | | | | 11 | |
| ME-SCR | 3/17/10 08:50 | X | X | X | X | X | X | X | | | | 11 | |
| ME-VR2 | 3/17/10 10:40 | X | X | X | X | X | X | X | | | | 11 | |
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Lab to select samples for MS/MSD where extra volume permits (all test methods) excluding travel blanks.

Relinquished Printed Name W.B. CAREY

Signature W.B. Carey

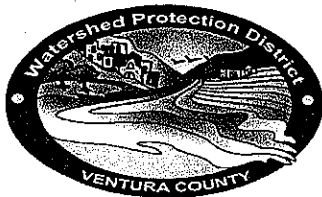
Affiliation VCWPD Date/Time 3/18/2010 1405

Received Printed Name Rick Lewis

Signature [Signature]

Affiliation Retable Date/Time 3/18/2010 1405

Other Notes: Please run 524.2 on travel blanks only if constituents detected in original analysis



Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Grabs - Weck Laboratories

Sampling Date: 3/17/10

Sample Event: #4 - DRY

Sampling Team: T. LIDDELL, W.B. CAREY

| SAMPLE ID | DATE/TIME COLLECTED | | | | | | | | | | | Number of Bottles | NOTES |
|-----------|---------------------|--------------------------|---------------------|--------------------|---------------------------|--|---------------------|------------------|--|--|--|-------------------|-------|
| | | Oil & Grease (EPA 1664A) | Cyanide (EPA 335.4) | O&G-NP (EPA 1664A) | MTBE & 2CLEVE (EPA 524.2) | Travel Blanks (EPA 524.2)-only analyze if hits | Mercury (EPA 245.1) | pH (SM4500 H+ B) | | | | | |
| MO-CAM | 3/17/10 1415 | X | X | X | X | X | X | X | | | | 11 | |
| MO-OJA | 3/17/10 1015 | X | X | X | X | X | X | X | | | | 11 | |
| MO-MEI | 3/17/10 0915 | X | X | X | X | X | X | X | | | | 11 | |
| MO-VEN | 3/17/10 1215 | X | X | X | X | X | X | X | | | | 11 | |
| | | | | | | | | | | | | | |
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Lab to select samples for MS/MSD where extra volume permits (all test methods) excluding travel blanks.

Relinquished

Printed Name W.B. CAREY

Signature W.B. Carey

Affiliation VCWPD

Date/Time 3/18/2010 1405

Received

Printed Name Amie Lee

Signature Amie Lee

Affiliation RMS

Date/Time 3/18/2010 1405

Other Notes:

Please run 524.2 on travel blanks only if constituents detected in original analysis

Appendix F. Laboratory QA/QC Analysis Results

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | 000NONPJ | matrix spike | 10/16/2009 | Anion | Chloride | n/a | = | 9.62 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/16/2009 | Anion | Chloride | n/a | = | 9.29 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/16/2009 | Anion | Chloride | n/a | = | 98 | % | EPA 300.0 | -88 | -88 | 72 | 118 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/16/2009 | Anion | Chloride | n/a | = | 107 | % | EPA 300.0 | -88 | -88 | 72 | 118 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/16/2009 | Anion | Chloride | n/a | = | 4 | % | EPA 300.0 | -88 | -88 | 0 | 20 | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/17/2009 | Anion | Chloride | n/a | = | 128 | mg/L | EPA 300.0 | 0.16 | 1 | | | DS,D,GB |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/17/2009 | Anion | Chloride | n/a | = | 128 | mg/L | EPA 300.0 | 0.16 | 1 | | | DS,D,GB |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/17/2009 | Anion | Chloride | n/a | = | 2 | % | EPA 300.0 | -88 | -88 | 72 | 118 | DS,D,GB |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/17/2009 | Anion | Chloride | n/a | = | 0.9 | % | EPA 300.0 | -88 | -88 | 72 | 118 | DS,D,GB |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/17/2009 | Anion | Chloride | n/a | = | 0.04 | % | EPA 300.0 | -88 | -88 | 0 | 20 | DS,D |
| 2009/10-1 | Lab | LCS | 10/17/2009 | Anion | Chloride | n/a | = | 3.86 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/17/2009 | Anion | Chloride | n/a | = | 96 | % | EPA 300.0 | -88 | -88 | 90 | 110 | X |
| 2009/10-1 | Lab | method blank | 10/17/2009 | Anion | Chloride | n/a | < | 0.079 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/16/2009 | Anion | Fluoride | n/a | = | 2.05 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/16/2009 | Anion | Fluoride | n/a | = | 2 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/16/2009 | Anion | Fluoride | n/a | = | 95 | % | EPA 300.0 | -88 | -88 | 79 | 109 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/16/2009 | Anion | Fluoride | n/a | = | 97 | % | EPA 300.0 | -88 | -88 | 79 | 109 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/16/2009 | Anion | Fluoride | n/a | = | 2 | % | EPA 300.0 | -88 | -88 | 0 | 20 | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/17/2009 | Anion | Fluoride | n/a | = | 3.8 | mg/L | EPA 300.0 | 0.026 | 0.2 | | | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/17/2009 | Anion | Fluoride | n/a | = | 3.81 | mg/L | EPA 300.0 | 0.026 | 0.2 | | | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/17/2009 | Anion | Fluoride | n/a | = | 87 | % | EPA 300.0 | -88 | -88 | 79 | 109 | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/17/2009 | Anion | Fluoride | n/a | = | 86 | % | EPA 300.0 | -88 | -88 | 79 | 109 | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/17/2009 | Anion | Fluoride | n/a | = | 0.2 | % | EPA 300.0 | -88 | -88 | 0 | 20 | DS,D |
| 2009/10-1 | Lab | LCS | 10/17/2009 | Anion | Fluoride | n/a | = | 1.82 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/17/2009 | Anion | Fluoride | n/a | = | 91 | % | EPA 300.0 | -88 | -88 | 90 | 110 | X |
| 2009/10-1 | Lab | method blank | 10/17/2009 | Anion | Fluoride | n/a | < | 0.013 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/15/2009 | Anion | Perchlorate | n/a | = | 14.4 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/15/2009 | Anion | Perchlorate | n/a | = | 15 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/15/2009 | Anion | Perchlorate | n/a | = | 120 | % | EPA 314.0 | -88 | -88 | 80 | 120 | X |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/15/2009 | Anion | Perchlorate | n/a | = | 114 | % | EPA 314.0 | -88 | -88 | 80 | 120 | X |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/15/2009 | Anion | Perchlorate | n/a | = | 4 | % | EPA 314.0 | -88 | -88 | 0 | 15 | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/16/2009 | Anion | Perchlorate | n/a | = | 18.2 | µg/L | EPA 314.0 | 0.82 | 2 | | | GB |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/16/2009 | Anion | Perchlorate | n/a | = | 17.9 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/16/2009 | Anion | Perchlorate | n/a | = | 119 | % | EPA 314.0 | -88 | -88 | 80 | 120 | X |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/16/2009 | Anion | Perchlorate | n/a | = | 122 | % | EPA 314.0 | -88 | -88 | 80 | 120 | GB |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/16/2009 | Anion | Perchlorate | n/a | = | 2 | % | EPA 314.0 | -88 | -88 | 0 | 15 | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/19/2009 | Anion | Perchlorate | n/a | = | 14.6 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/19/2009 | Anion | Perchlorate | n/a | = | 15.2 | µg/L | EPA 314.0 | 0.82 | 2 | | | GB |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/19/2009 | Anion | Perchlorate | n/a | = | 123 | % | EPA 314.0 | -88 | -88 | 80 | 120 | GB |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/19/2009 | Anion | Perchlorate | n/a | = | 116 | % | EPA 314.0 | -88 | -88 | 80 | 120 | X |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/19/2009 | Anion | Perchlorate | n/a | = | 4 | % | EPA 314.0 | -88 | -88 | 0 | 15 | GB |
| 2009/10-1 | 000NONPJ | matrix spike | 10/20/2009 | Anion | Perchlorate | n/a | = | 11.4 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/20/2009 | Anion | Perchlorate | n/a | = | 12.9 | µg/L | EPA 314.0 | 0.82 | 2 | | | GB |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/20/2009 | Anion | Perchlorate | n/a | = | 129 | % | EPA 314.0 | -88 | -88 | 80 | 120 | GB |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/20/2009 | Anion | Perchlorate | n/a | = | 114 | % | EPA 314.0 | -88 | -88 | 80 | 120 | X |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/20/2009 | Anion | Perchlorate | n/a | = | 13 | % | EPA 314.0 | -88 | -88 | 0 | 15 | GB |
| 2009/10-1 | Lab | LCS | 10/15/2009 | Anion | Perchlorate | n/a | = | 10.4 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|---------------------|----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | LCS | 10/15/2009 | Anion | Perchlorate | n/a | = | 10.2 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/15/2009 | Anion | Perchlorate | n/a | = | 102 | % | EPA 314.0 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | LCS, rec | 10/15/2009 | Anion | Perchlorate | n/a | = | 104 | % | EPA 314.0 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/15/2009 | Anion | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-1 | Lab | method blank | 10/15/2009 | Anion | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-1 | Lab | LCS | 10/19/2009 | Anion | Perchlorate | n/a | = | 10.7 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-1 | Lab | LCS | 10/19/2009 | Anion | Perchlorate | n/a | = | 10.9 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/19/2009 | Anion | Perchlorate | n/a | = | 107 | % | EPA 314.0 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | LCS, rec | 10/19/2009 | Anion | Perchlorate | n/a | = | 109 | % | EPA 314.0 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/19/2009 | Anion | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-1 | Lab | method blank | 10/19/2009 | Anion | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/21/2009 | Cation | Calcium | Total | = | 167 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/21/2009 | Cation | Calcium | Total | = | 181 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/21/2009 | Cation | Calcium | Total | = | 184 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/21/2009 | Cation | Calcium | Total | = | 170 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/21/2009 | Cation | Calcium | Total | = | 97 | % | EPA 200.7 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/21/2009 | Cation | Calcium | Total | = | 107 | % | EPA 200.7 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/21/2009 | Cation | Calcium | Total | = | 92 | % | EPA 200.7 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/21/2009 | Cation | Calcium | Total | = | 101 | % | EPA 200.7 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/21/2009 | Cation | Calcium | Total | = | 2 | % | EPA 200.7 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/21/2009 | Cation | Calcium | Total | = | 2 | % | EPA 200.7 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/21/2009 | Cation | Calcium | Total | = | 45.1 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/21/2009 | Cation | Calcium | Total | = | 90 | % | EPA 200.7 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/21/2009 | Cation | Calcium | Total | < | 0.016 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/21/2009 | Cation | Magnesium | Total | = | 80.2 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/21/2009 | Cation | Magnesium | Total | = | 143 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/21/2009 | Cation | Magnesium | Total | = | 147 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/21/2009 | Cation | Magnesium | Total | = | 80.9 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/21/2009 | Cation | Magnesium | Total | = | 101 | % | EPA 200.7 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/21/2009 | Cation | Magnesium | Total | = | 96 | % | EPA 200.7 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/21/2009 | Cation | Magnesium | Total | = | 95 | % | EPA 200.7 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/21/2009 | Cation | Magnesium | Total | = | 93 | % | EPA 200.7 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/21/2009 | Cation | Magnesium | Total | = | 3 | % | EPA 200.7 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/21/2009 | Cation | Magnesium | Total | = | 0.8 | % | EPA 200.7 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/21/2009 | Cation | Magnesium | Total | = | 44.5 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/21/2009 | Cation | Magnesium | Total | = | 89 | % | EPA 200.7 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/21/2009 | Cation | Magnesium | Total | < | 0.012 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |
| 2009/10-1 | 000NONPJ | lab duplicate | 10/19/2009 | Conventional | Alkalinity as CaCO3 | n/a | = | 89.2 | mg/L | SM 2320 B | -88 | 2 | | 15 | DS,NMDL |
| 2009/10-1 | 000NONPJ | lab duplicate | 10/21/2009 | Conventional | Alkalinity as CaCO3 | n/a | = | 32.3 | mg/L | SM 2320 B | -88 | 2 | | 15 | |
| 2009/10-1 | Lab | LCS | 10/19/2009 | Conventional | Alkalinity as CaCO3 | n/a | = | 36.4 | mg/L | SM 2320 B | -88 | 2 | | | NMDL |
| 2009/10-1 | Lab | LCS, rec | 10/19/2009 | Conventional | Alkalinity as CaCO3 | n/a | = | 104 | % | SM 2320 B | -88 | -88 | 94 | 108 | X |
| 2009/10-1 | Lab | method blank | 10/19/2009 | Conventional | Alkalinity as CaCO3 | n/a | = | 2.57 | mg/L | SM 2320 B | -88 | 2 | | | IP,NMDL |
| 2009/10-1 | Lab | LCS | 10/21/2009 | Conventional | Alkalinity as CaCO3 | n/a | = | 35.1 | mg/L | SM 2320 B | -88 | 2 | | | NMDL |
| 2009/10-1 | Lab | LCS, rec | 10/21/2009 | Conventional | Alkalinity as CaCO3 | n/a | = | 100 | % | SM 2320 B | -88 | -88 | 94 | 108 | X |
| 2009/10-1 | Lab | method blank | 10/21/2009 | Conventional | Alkalinity as CaCO3 | n/a | < | 2 | mg/L | SM 2320 B | -88 | 2 | | | NMDL |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Conventional | BOD | n/a | = | 204 | mg/L | SM 5210 B | 0.1 | 2 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Conventional | BOD | n/a | = | 103 | % | SM 5210 B | -88 | -88 | 85 | 115 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|----------|------|--------|-------|-----------|--------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | 000NONPJ | matrix spike | 10/17/2009 | Conventional | COD | n/a | = | 195 | mg/L | EPA 410.4 | 3.7 | 10 | | | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike | 10/17/2009 | Conventional | COD | n/a | = | 194 | mg/L | EPA 410.4 | 3.7 | 10 | | | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/17/2009 | Conventional | COD | n/a | = | 191 | mg/L | EPA 410.4 | 3.7 | 10 | | | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/17/2009 | Conventional | COD | n/a | = | 195 | mg/L | EPA 410.4 | 3.7 | 10 | | | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/17/2009 | Conventional | COD | n/a | = | 96 | % | EPA 410.4 | -88 | -88 | 90 | 110 | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/17/2009 | Conventional | COD | n/a | = | 96 | % | EPA 410.4 | -88 | -88 | 90 | 110 | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/17/2009 | Conventional | COD | n/a | = | 97 | % | EPA 410.4 | -88 | -88 | 90 | 110 | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/17/2009 | Conventional | COD | n/a | = | 96 | % | EPA 410.4 | -88 | -88 | 90 | 110 | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/17/2009 | Conventional | COD | n/a | = | 0.1 | % | EPA 410.4 | -88 | -88 | 0 | 15 | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/17/2009 | Conventional | COD | n/a | = | 1 | % | EPA 410.4 | -88 | -88 | 0 | 15 | DS,D |
| 2009/10-1 | Lab | LCS | 10/17/2009 | Conventional | COD | n/a | = | 96.1 | mg/L | EPA 410.4 | 1.8 | 5 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/17/2009 | Conventional | COD | n/a | = | 96 | % | EPA 410.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-1 | Lab | method blank | 10/17/2009 | Conventional | COD | n/a | < | 1.8 | mg/L | EPA 410.4 | 1.8 | 5 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/22/2009 | Conventional | Cyanide | Total | = | 0.1 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/22/2009 | Conventional | Cyanide | Total | = | 0.102 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/22/2009 | Conventional | Cyanide | Total | = | 0.0903 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/22/2009 | Conventional | Cyanide | Total | = | 0.111 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | DS,EUM |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/22/2009 | Conventional | Cyanide | Total | = | 0.106 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/22/2009 | Conventional | Cyanide | Total | = | 0.0953 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/22/2009 | Conventional | Cyanide | Total | = | 0.0969 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/22/2009 | Conventional | Cyanide | Total | = | 0.0957 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/22/2009 | Conventional | Cyanide | Total | = | 97 | % | EPA 335.4 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/22/2009 | Conventional | Cyanide | Total | = | 106 | % | EPA 335.4 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/22/2009 | Conventional | Cyanide | Total | = | 96 | % | EPA 335.4 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/22/2009 | Conventional | Cyanide | Total | = | 95 | % | EPA 335.4 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/22/2009 | Conventional | Cyanide | Total | = | 90 | % | EPA 335.4 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/22/2009 | Conventional | Cyanide | Total | = | 102 | % | EPA 335.4 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/22/2009 | Conventional | Cyanide | Total | = | 100 | % | EPA 335.4 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/22/2009 | Conventional | Cyanide | Total | = | 111 | % | EPA 335.4 | -88 | -88 | 90 | 110 | DS,GB |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/22/2009 | Conventional | Cyanide | Total | = | 5 | % | EPA 335.4 | -88 | -88 | 0 | 20 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/22/2009 | Conventional | Cyanide | Total | = | 5 | % | EPA 335.4 | -88 | -88 | 0 | 20 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/22/2009 | Conventional | Cyanide | Total | = | 6 | % | EPA 335.4 | -88 | -88 | 0 | 20 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/22/2009 | Conventional | Cyanide | Total | = | 5 | % | EPA 335.4 | -88 | -88 | 0 | 20 | DS |
| 2009/10-1 | Lab | LCS | 10/22/2009 | Conventional | Cyanide | Total | = | 0.0483 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-1 | Lab | LCS | 10/22/2009 | Conventional | Cyanide | Total | = | 0.0485 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/22/2009 | Conventional | Cyanide | Total | = | 97 | % | EPA 335.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-1 | Lab | LCS, rec | 10/22/2009 | Conventional | Cyanide | Total | = | 97 | % | EPA 335.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Conventional | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Conventional | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/15/2009 | Conventional | MBAS | n/a | = | 7.43 | mg/L | SM 5540 C | 0.38 | 1 | | | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/15/2009 | Conventional | MBAS | n/a | = | 7.43 | mg/L | SM 5540 C | 0.38 | 1 | | | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/15/2009 | Conventional | MBAS | n/a | = | 77 | % | SM 5540 C | -88 | -88 | 77 | 118 | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/15/2009 | Conventional | MBAS | n/a | = | 77 | % | SM 5540 C | -88 | -88 | 77 | 118 | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/15/2009 | Conventional | MBAS | n/a | = | 0.04 | % | SM 5540 C | -88 | -88 | 0 | 20 | DS,D |
| 2009/10-1 | Lab | LCS | 10/15/2009 | Conventional | MBAS | n/a | = | 0.181 | mg/L | SM 5540 C | 0.019 | 0.05 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/15/2009 | Conventional | MBAS | n/a | = | 91 | % | SM 5540 C | -88 | -88 | 79 | 113 | X |
| 2009/10-1 | Lab | method blank | 10/15/2009 | Conventional | MBAS | n/a | < | 0.019 | mg/L | SM 5540 C | 0.019 | 0.05 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------------------|----------|------|--------|----------|--------------|--------|------|----------|------|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | 000NONPJ | lab duplicate | 10/15/2009 | Conventional | pH | n/a | = | 7.21 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | | 3.24 | X |
| 2009/10-1 | 000NONPJ | lab duplicate | 10/15/2009 | Conventional | pH | n/a | = | 7.02 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | | 3.24 | X |
| 2009/10-1 | 000NONPJ | lab duplicate | 10/15/2009 | Conventional | pH | n/a | = | 7.26 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | | 3.24 | X |
| 2009/10-1 | Lab | CRM | 10/15/2009 | Conventional | pH | n/a | = | 6.87 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | | | X |
| 2009/10-1 | Lab | CRM | 10/15/2009 | Conventional | pH | n/a | = | 6.85 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | | | X |
| 2009/10-1 | Lab | CRM | 10/15/2009 | Conventional | pH | n/a | = | 6.85 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | | | X |
| 2009/10-1 | Lab | CRM, rec | 10/15/2009 | Conventional | pH | n/a | = | 100 | % | SM 4500-H+ B | -88 | -88 | 96.7 | 102 | X |
| 2009/10-1 | Lab | CRM, rec | 10/15/2009 | Conventional | pH | n/a | = | 100 | % | SM 4500-H+ B | -88 | -88 | 96.7 | 102 | X |
| 2009/10-1 | Lab | CRM, rec | 10/15/2009 | Conventional | pH | n/a | = | 100 | % | SM 4500-H+ B | -88 | -88 | 96.7 | 102 | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/26/2009 | Conventional | Phenolics | n/a | = | 0.158 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/26/2009 | Conventional | Phenolics | n/a | = | 0.165 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/26/2009 | Conventional | Phenolics | n/a | = | 107 | % | EPA 420.4 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/26/2009 | Conventional | Phenolics | n/a | = | 101 | % | EPA 420.4 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/26/2009 | Conventional | Phenolics | n/a | = | 4 | % | EPA 420.4 | -88 | -88 | 0 | 20 | DS |
| 2009/10-1 | Lab | LCS | 10/26/2009 | Conventional | Phenolics | n/a | = | 0.0928 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/26/2009 | Conventional | Phenolics | n/a | = | 93 | % | EPA 420.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-1 | Lab | method blank | 10/26/2009 | Conventional | Phenolics | n/a | < | 0.0016 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | X |
| 2009/10-1 | 000NONPJ | lab duplicate | 11/11/2009 | Conventional | Specific Conductance | n/a | = | 266 | µmhos/cm | SM 2510 B | 0.23 | 2 | | 4.28 | X |
| 2009/10-1 | Lab | LCS | 11/11/2009 | Conventional | Specific Conductance | n/a | = | 185 | µmhos/cm | SM 2510 B | 0.23 | 2 | | | X |
| 2009/10-1 | Lab | LCS, rec | 11/11/2009 | Conventional | Specific Conductance | n/a | = | 100 | % | SM 2510 B | -88 | -88 | 95 | 105 | X |
| 2009/10-1 | Lab | method blank | 11/11/2009 | Conventional | Specific Conductance | n/a | < | 0.23 | µmhos/cm | SM 2510 B | 0.23 | 2 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/14/2009 | Conventional | Total Chlorine Residual | n/a | = | 0.198 | mg/L | SM 4500-Cl G | 0.0016 | 0.05 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/14/2009 | Conventional | Total Chlorine Residual | n/a | = | 0.184 | mg/L | SM 4500-Cl G | 0.0016 | 0.05 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/14/2009 | Conventional | Total Chlorine Residual | n/a | = | 86 | % | SM 4500-Cl G | -88 | -88 | 65 | 128 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/14/2009 | Conventional | Total Chlorine Residual | n/a | = | 93 | % | SM 4500-Cl G | -88 | -88 | 65 | 128 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/14/2009 | Conventional | Total Chlorine Residual | n/a | = | 7 | % | SM 4500-Cl G | -88 | -88 | 0 | 15 | DS |
| 2009/10-1 | Lab | LCS | 10/14/2009 | Conventional | Total Chlorine Residual | n/a | = | 0.196 | mg/L | SM 4500-Cl G | 0.0016 | 0.05 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/14/2009 | Conventional | Total Chlorine Residual | n/a | = | 98 | % | SM 4500-Cl G | -88 | -88 | 82 | 112 | X |
| 2009/10-1 | Lab | method blank | 10/14/2009 | Conventional | Total Chlorine Residual | n/a | < | 0.0016 | mg/L | SM 4500-Cl G | 0.0016 | 0.05 | | | X |
| 2009/10-1 | 000NONPJ | lab duplicate | 10/20/2009 | Conventional | Total Dissolved Solids | n/a | = | 1540 | mg/L | SM 2540 C | 4 | 10 | | 10 | X |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Conventional | Total Dissolved Solids | n/a | = | 813 | mg/L | SM 2540 C | 4 | 10 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Conventional | Total Dissolved Solids | n/a | = | 99 | % | SM 2540 C | -88 | -88 | 91 | 104 | X |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Conventional | Total Dissolved Solids | n/a | < | 4 | mg/L | SM 2540 C | 4 | 10 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/24/2009 | Conventional | Total Organic Carbon | n/a | = | 97.8 | mg/L | SM 5310 C | 0.32 | 3 | | | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/24/2009 | Conventional | Total Organic Carbon | n/a | = | 98.1 | mg/L | SM 5310 C | 0.32 | 3 | | | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/24/2009 | Conventional | Total Organic Carbon | n/a | = | 97 | % | SM 5310 C | -88 | -88 | 84 | 107 | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/24/2009 | Conventional | Total Organic Carbon | n/a | = | 96 | % | SM 5310 C | -88 | -88 | 84 | 107 | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/24/2009 | Conventional | Total Organic Carbon | n/a | = | 0.3 | % | SM 5310 C | -88 | -88 | 0 | 20 | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike | 10/25/2009 | Conventional | Total Organic Carbon | n/a | = | 5.45 | mg/L | SM 5310 C | 0.032 | 0.3 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/25/2009 | Conventional | Total Organic Carbon | n/a | = | 5.4 | mg/L | SM 5310 C | 0.032 | 0.3 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/25/2009 | Conventional | Total Organic Carbon | n/a | = | 91 | % | SM 5310 C | -88 | -88 | 84 | 107 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/25/2009 | Conventional | Total Organic Carbon | n/a | = | 92 | % | SM 5310 C | -88 | -88 | 84 | 107 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/25/2009 | Conventional | Total Organic Carbon | n/a | = | 0.9 | % | SM 5310 C | -88 | -88 | 0 | 20 | DS |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Conventional | Total Organic Carbon | n/a | = | 4.86 | mg/L | SM 5310 C | 0.032 | 0.3 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Conventional | Total Organic Carbon | n/a | = | 97 | % | SM 5310 C | -88 | -88 | 90 | 110 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Conventional | Total Organic Carbon | n/a | < | 0.032 | mg/L | SM 5310 C | 0.032 | 0.3 | | | X |
| 2009/10-1 | Lab | LCS | 10/25/2009 | Conventional | Total Organic Carbon | n/a | = | 4.77 | mg/L | SM 5310 C | 0.032 | 0.3 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|---------------------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | LCS, rec | 10/25/2009 | Conventional | Total Organic Carbon | n/a | = | 95 | % | SM 5310 C | -88 | -88 | 90 | 110 | X |
| 2009/10-1 | Lab | method blank | 10/25/2009 | Conventional | Total Organic Carbon | n/a | < | 0.032 | mg/L | SM 5310 C | 0.032 | 0.3 | | | X |
| 2009/10-1 | 000NONPJ | lab duplicate | 10/19/2009 | Conventional | Total Suspended Solids | n/a | = | 403 | mg/L | SM 2540 D | 5 | 5 | | 20 | X |
| 2009/10-1 | Lab | method blank | 10/19/2009 | Conventional | Total Suspended Solids | n/a | < | 5 | mg/L | SM 2540 D | 5 | 5 | | | X |
| 2009/10-1 | 000NONPJ | lab duplicate | 10/15/2009 | Conventional | Turbidity | n/a | = | 0.41 | NTU | EPA 180.1 | 0.04 | 0.1 | | 10 | X |
| 2009/10-1 | 000NONPJ | lab duplicate | 10/15/2009 | Conventional | Turbidity | n/a | = | 0.3 | NTU | EPA 180.1 | 0.04 | 0.1 | | 10 | X |
| 2009/10-1 | Lab | LCS | 10/15/2009 | Conventional | Turbidity | n/a | = | 8 | NTU | EPA 180.1 | 0.04 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS | 10/15/2009 | Conventional | Turbidity | n/a | = | 8.02 | NTU | EPA 180.1 | 0.04 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/15/2009 | Conventional | Turbidity | n/a | = | 100 | % | EPA 180.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-1 | Lab | LCS, rec | 10/15/2009 | Conventional | Turbidity | n/a | = | 100 | % | EPA 180.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-1 | Lab | method blank | 10/15/2009 | Conventional | Turbidity | n/a | < | 0.04 | NTU | EPA 180.1 | 0.04 | 0.1 | | | X |
| 2009/10-1 | Lab | method blank | 10/15/2009 | Conventional | Turbidity | n/a | < | 0.04 | NTU | EPA 180.1 | 0.04 | 0.1 | | | X |
| 2009/10-1 | 000NONPJ | lab duplicate | 10/19/2009 | Conventional | Volatile Suspended Solids | n/a | = | 200 | mg/L | EPA 160.4 | -88 | 5 | | 15 | NMDL |
| 2009/10-1 | Lab | method blank | 10/19/2009 | Conventional | Volatile Suspended Solids | n/a | < | 5 | mg/L | EPA 160.4 | -88 | 5 | | | NMDL |
| 2009/10-1 | Lab | LCS | 10/16/2009 | Hydrocarbon | Oil and Grease | n/a | = | 17.7 | mg/L | EPA 1664A | 2 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/16/2009 | Hydrocarbon | Oil and Grease | n/a | DNQ | 4.2 | mg/L | EPA 1664A | 2 | 5 | | | J |
| 2009/10-1 | Lab | LCS dup | 10/16/2009 | Hydrocarbon | Oil and Grease | n/a | = | 17.9 | mg/L | EPA 1664A | 2 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/16/2009 | Hydrocarbon | Oil and Grease | n/a | = | 90 | % | EPA 1664A | -88 | -88 | 78 | 114 | X |
| 2009/10-1 | Lab | LCS, rec | 10/16/2009 | Hydrocarbon | Oil and Grease | n/a | = | 84 | % | EPA 1664A | -88 | -88 | 78 | 114 | J |
| 2009/10-1 | Lab | LCS, rec | 10/16/2009 | Hydrocarbon | Oil and Grease | n/a | = | 88 | % | EPA 1664A | -88 | -88 | 78 | 114 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/16/2009 | Hydrocarbon | Oil and Grease | n/a | = | 1 | % | EPA 1664A | -88 | -88 | 0 | 18 | X |
| 2009/10-1 | Lab | method blank | 10/16/2009 | Hydrocarbon | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | | | X |
| 2009/10-1 | Lab | method blank | 10/21/2009 | Hydrocarbon | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/23/2009 | Metal | Aluminum | Dissolved | = | 47.2 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/23/2009 | Metal | Aluminum | Dissolved | = | 94 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/23/2009 | Metal | Aluminum | Dissolved | < | 0.19 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Aluminum | Total | = | 3960 | µg/L | EPA 200.8 | 0.95 | 25 | | | DS,D,GB |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Aluminum | Total | = | 1280 | µg/L | EPA 200.8 | 0.19 | 5 | | | DS,GB |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Aluminum | Total | = | 1330 | µg/L | EPA 200.8 | 0.19 | 5 | | | DS,GB |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Aluminum | Total | = | 4110 | µg/L | EPA 200.8 | 0.95 | 25 | | | DS,D,GB |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Aluminum | Total | = | 261 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS,GB |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Aluminum | Total | = | -42 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS,D,GB |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Aluminum | Total | = | 169 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS,GB |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Aluminum | Total | = | -353 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS,D,GB |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Aluminum | Total | = | 4 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Aluminum | Total | = | 4 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS,D |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Metal | Aluminum | Total | = | 49.3 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Metal | Aluminum | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Metal | Aluminum | Total | < | 0.19 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/23/2009 | Metal | Antimony | Dissolved | = | 47.1 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/23/2009 | Metal | Antimony | Dissolved | = | 46.6 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/23/2009 | Metal | Antimony | Dissolved | = | 91 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/23/2009 | Metal | Antimony | Dissolved | = | 92 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/23/2009 | Metal | Antimony | Dissolved | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/23/2009 | Metal | Antimony | Dissolved | = | 47.3 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/23/2009 | Metal | Antimony | Dissolved | = | 95 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/23/2009 | Metal | Antimony | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Antimony | Total | = | 47.1 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Antimony | Total | = | 35.3 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | GB |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Antimony | Total | = | 46.6 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Antimony | Total | = | 34.5 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | GB |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Antimony | Total | = | 66 | % | EPA 200.8 | -88 | -88 | 70 | 130 | GB |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Antimony | Total | = | 89 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Antimony | Total | = | 90 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Antimony | Total | = | 68 | % | EPA 200.8 | -88 | -88 | 70 | 130 | GB |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Antimony | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Antimony | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | GB |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Metal | Antimony | Total | = | 47.3 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Metal | Antimony | Total | = | 95 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Metal | Antimony | Total | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-1 | Lab | LCS | 10/23/2009 | Metal | Arsenic | Dissolved | = | 46.1 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/23/2009 | Metal | Arsenic | Dissolved | = | 92 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/23/2009 | Metal | Arsenic | Dissolved | < | 0.014 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Arsenic | Total | = | 48.2 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Arsenic | Total | = | 49.7 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Arsenic | Total | = | 50.7 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Arsenic | Total | = | 47 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Arsenic | Total | = | 90 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Arsenic | Total | = | 91 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Arsenic | Total | = | 93 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Arsenic | Total | = | 89 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Arsenic | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Arsenic | Total | = | 3 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Metal | Arsenic | Total | = | 46.3 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Metal | Arsenic | Total | = | 93 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Metal | Arsenic | Total | < | 0.014 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-1 | Lab | LCS | 10/23/2009 | Metal | Barium | Dissolved | = | 46.4 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/23/2009 | Metal | Barium | Dissolved | = | 93 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/23/2009 | Metal | Barium | Dissolved | < | 0.024 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Barium | Total | = | 80.9 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Barium | Total | = | 112 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Barium | Total | = | 81.2 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Barium | Total | = | 115 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Barium | Total | = | 93 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Barium | Total | = | 91 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Barium | Total | = | 86 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Barium | Total | = | 93 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Barium | Total | = | 0.5 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Barium | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Metal | Barium | Total | = | 47.1 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Metal | Barium | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Metal | Barium | Total | < | 0.024 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-1 | Lab | LCS | 10/23/2009 | Metal | Beryllium | Dissolved | = | 48.7 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/23/2009 | Metal | Beryllium | Dissolved | = | 97 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|--------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | method blank | 10/23/2009 | Metal | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Beryllium | Total | = | 50.4 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Beryllium | Total | = | 43.5 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Beryllium | Total | = | 49.8 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Beryllium | Total | = | 42.7 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Beryllium | Total | = | 100 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Beryllium | Total | = | 85 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Beryllium | Total | = | 87 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Beryllium | Total | = | 101 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Beryllium | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Beryllium | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Metal | Beryllium | Total | = | 49.8 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Metal | Beryllium | Total | = | 100 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Metal | Beryllium | Total | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS | 10/23/2009 | Metal | Cadmium | Dissolved | = | 47.8 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/23/2009 | Metal | Cadmium | Dissolved | = | 96 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/23/2009 | Metal | Cadmium | Dissolved | < | 0.013 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Cadmium | Total | = | 45.2 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Cadmium | Total | = | 48.5 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Cadmium | Total | = | 43.4 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Cadmium | Total | = | 48.1 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Cadmium | Total | = | 86 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Cadmium | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Cadmium | Total | = | 89 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Cadmium | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Cadmium | Total | = | 4 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Cadmium | Total | = | 0.9 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Metal | Cadmium | Total | = | 49.1 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Metal | Cadmium | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Metal | Cadmium | Total | < | 0.013 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS | 10/23/2009 | Metal | Chromium | Dissolved | = | 45.2 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/23/2009 | Metal | Chromium | Dissolved | = | 90 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/23/2009 | Metal | Chromium | Dissolved | < | 0.012 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Chromium | Total | = | 70 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Chromium | Total | = | 53 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Chromium | Total | = | 54 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Chromium | Total | = | 71.7 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Chromium | Total | = | 101 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Chromium | Total | = | 102 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Chromium | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Chromium | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Chromium | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Chromium | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Metal | Chromium | Total | = | 47.1 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Metal | Chromium | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Metal | Chromium | Total | < | 0.012 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-1 | 000NONPJ | lab duplicate | 10/16/2009 | Metal | Chromium VI | n/a | = | 1.33 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | 10 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|--------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | 000NONPJ | matrix spike | 10/16/2009 | Metal | Chromium VI | n/a | = | 6.03 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/16/2009 | Metal | Chromium VI | n/a | = | 5.26 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/16/2009 | Metal | Chromium VI | n/a | = | 5.92 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/16/2009 | Metal | Chromium VI | n/a | = | 5.35 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/16/2009 | Metal | Chromium VI | n/a | = | 101 | % | EPA 218.6 | -88 | -88 | 88 | 112 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/16/2009 | Metal | Chromium VI | n/a | = | 103 | % | EPA 218.6 | -88 | -88 | 88 | 112 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/16/2009 | Metal | Chromium VI | n/a | = | 105 | % | EPA 218.6 | -88 | -88 | 88 | 112 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/16/2009 | Metal | Chromium VI | n/a | = | 99 | % | EPA 218.6 | -88 | -88 | 88 | 112 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/16/2009 | Metal | Chromium VI | n/a | = | 2 | % | EPA 218.6 | -88 | -88 | 0 | 10 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/16/2009 | Metal | Chromium VI | n/a | = | 2 | % | EPA 218.6 | -88 | -88 | 0 | 10 | DS |
| 2009/10-1 | Lab | LCS | 10/16/2009 | Metal | Chromium VI | n/a | = | 5.22 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/16/2009 | Metal | Chromium VI | n/a | = | 104 | % | EPA 218.6 | -88 | -88 | 90 | 110 | X |
| 2009/10-1 | Lab | method blank | 10/16/2009 | Metal | Chromium VI | n/a | < | 0.0059 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | X |
| 2009/10-1 | Lab | LCS | 10/23/2009 | Metal | Copper | Dissolved | = | 47.5 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/23/2009 | Metal | Copper | Dissolved | = | 95 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/23/2009 | Metal | Copper | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Copper | Total | = | 55.4 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Copper | Total | = | 76 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Copper | Total | = | 53.4 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Copper | Total | = | 76.1 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Copper | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Copper | Total | = | 80 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Copper | Total | = | 84 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Copper | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Copper | Total | = | 0.2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Copper | Total | = | 4 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Metal | Copper | Total | = | 49 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Metal | Copper | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Metal | Copper | Total | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-1 | Lab | LCS | 10/23/2009 | Metal | Iron | Dissolved | = | 1120 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/23/2009 | Metal | Iron | Dissolved | = | 107 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/23/2009 | Metal | Iron | Dissolved | < | 0.6 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Iron | Total | = | 2900 | µg/L | EPA 200.8 | 0.6 | 20 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Iron | Total | = | 8070 | µg/L | EPA 200.8 | 0.6 | 20 | | | DS,GB |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Iron | Total | = | 3090 | µg/L | EPA 200.8 | 0.6 | 20 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Iron | Total | = | 8730 | µg/L | EPA 200.8 | 0.6 | 20 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Iron | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Iron | Total | = | 121 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Iron | Total | = | 35 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS,GB |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Iron | Total | = | 103 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Iron | Total | = | 6 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Iron | Total | = | 8 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Metal | Iron | Total | = | 942 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Metal | Iron | Total | = | 90 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Metal | Iron | Total | < | 0.6 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-1 | Lab | LCS | 10/23/2009 | Metal | Lead | Dissolved | = | 47.9 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/23/2009 | Metal | Lead | Dissolved | = | 96 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | method blank | 10/23/2009 | Metal | Lead | Dissolved | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Lead | Total | = | 54 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Lead | Total | = | 55.6 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Lead | Total | = | 55.6 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Lead | Total | = | 54.5 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Lead | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Lead | Total | = | 102 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Lead | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Lead | Total | = | 101 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Lead | Total | = | 0.9 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Lead | Total | = | 0.02 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Metal | Lead | Total | = | 47 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Metal | Lead | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Metal | Lead | Total | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/22/2009 | Metal | Mercury | Dissolved | = | 1760 | ng/L | EPA 245.1 | 3.9 | 50 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/22/2009 | Metal | Mercury | Dissolved | = | 1760 | ng/L | EPA 245.1 | 3.9 | 50 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/22/2009 | Metal | Mercury | Dissolved | = | 1720 | ng/L | EPA 245.1 | 3.9 | 50 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/22/2009 | Metal | Mercury | Dissolved | = | 1750 | ng/L | EPA 245.1 | 3.9 | 50 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/22/2009 | Metal | Mercury | Dissolved | = | 86 | % | EPA 245.1 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/22/2009 | Metal | Mercury | Dissolved | = | 88 | % | EPA 245.1 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/22/2009 | Metal | Mercury | Dissolved | = | 88 | % | EPA 245.1 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/22/2009 | Metal | Mercury | Dissolved | = | 88 | % | EPA 245.1 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/22/2009 | Metal | Mercury | Dissolved | = | 2 | % | EPA 245.1 | -88 | -88 | 0 | 20 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/22/2009 | Metal | Mercury | Dissolved | = | 0.6 | % | EPA 245.1 | -88 | -88 | 0 | 20 | DS |
| 2009/10-1 | Lab | LCS | 10/22/2009 | Metal | Mercury | Dissolved | = | 1020 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/22/2009 | Metal | Mercury | Dissolved | = | 102 | % | EPA 245.1 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Metal | Mercury | Dissolved | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/22/2009 | Metal | Mercury | Total | = | 1760 | ng/L | EPA 245.1 | 3.9 | 50 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/22/2009 | Metal | Mercury | Total | = | 1760 | ng/L | EPA 245.1 | 3.9 | 50 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/22/2009 | Metal | Mercury | Total | = | 990 | ng/L | EPA 245.1 | 3.9 | 50 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/22/2009 | Metal | Mercury | Total | = | 1720 | ng/L | EPA 245.1 | 3.9 | 50 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/22/2009 | Metal | Mercury | Total | = | 1750 | ng/L | EPA 245.1 | 3.9 | 50 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/22/2009 | Metal | Mercury | Total | = | 1010 | ng/L | EPA 245.1 | 3.9 | 50 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/22/2009 | Metal | Mercury | Total | = | 101 | % | EPA 245.1 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/22/2009 | Metal | Mercury | Total | = | 86 | % | EPA 245.1 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/22/2009 | Metal | Mercury | Total | = | 86 | % | EPA 245.1 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/22/2009 | Metal | Mercury | Total | = | 88 | % | EPA 245.1 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/22/2009 | Metal | Mercury | Total | = | 87 | % | EPA 245.1 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/22/2009 | Metal | Mercury | Total | = | 99 | % | EPA 245.1 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/22/2009 | Metal | Mercury | Total | = | 0.6 | % | EPA 245.1 | -88 | -88 | 0 | 20 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/22/2009 | Metal | Mercury | Total | = | 2 | % | EPA 245.1 | -88 | -88 | 0 | 20 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/22/2009 | Metal | Mercury | Total | = | 2 | % | EPA 245.1 | -88 | -88 | 0 | 20 | DS |
| 2009/10-1 | Lab | LCS | 10/22/2009 | Metal | Mercury | Total | = | 1020 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-1 | Lab | LCS | 10/22/2009 | Metal | Mercury | Total | = | 1040 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/22/2009 | Metal | Mercury | Total | = | 102 | % | EPA 245.1 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | LCS, rec | 10/22/2009 | Metal | Mercury | Total | = | 104 | % | EPA 245.1 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Metal | Mercury | Total | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Metal | Mercury | Total | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-1 | Lab | LCS | 10/23/2009 | Metal | Nickel | Dissolved | = | 46.6 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/23/2009 | Metal | Nickel | Dissolved | = | 93 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/23/2009 | Metal | Nickel | Dissolved | < | 0.011 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Nickel | Total | = | 56.7 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Nickel | Total | = | 67.3 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Nickel | Total | = | 57.9 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Nickel | Total | = | 68.5 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Nickel | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Nickel | Total | = | 91 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Nickel | Total | = | 88 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Nickel | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Nickel | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Nickel | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Metal | Nickel | Total | = | 47.9 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Metal | Nickel | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Metal | Nickel | Total | < | 0.011 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-1 | Lab | LCS | 10/23/2009 | Metal | Selenium | Dissolved | = | 49.1 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/23/2009 | Metal | Selenium | Dissolved | = | 98 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/23/2009 | Metal | Selenium | Dissolved | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Selenium | Total | = | 47.5 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Selenium | Total | = | 46.7 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Selenium | Total | = | 47.1 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Selenium | Total | = | 46.2 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Selenium | Total | = | 85 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Selenium | Total | = | 91 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Selenium | Total | = | 86 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Selenium | Total | = | 92 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Selenium | Total | = | 0.8 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Selenium | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Metal | Selenium | Total | = | 45.8 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Metal | Selenium | Total | = | 92 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Metal | Selenium | Total | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-1 | Lab | LCS | 10/23/2009 | Metal | Silver | Dissolved | = | 48.1 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/23/2009 | Metal | Silver | Dissolved | = | 96 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 11/16/2009 | Metal | Silver | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Silver | Total | = | 47.2 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Silver | Total | = | 49.5 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Silver | Total | = | 45.7 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Silver | Total | = | 48.8 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Silver | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Silver | Total | = | 91 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Silver | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Silver | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Silver | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Silver | Total | = | 3 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Metal | Silver | Total | = | 49.8 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|--------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Metal | Silver | Total | = | 100 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Metal | Silver | Total | = | 0.249 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | IP |
| 2009/10-1 | Lab | LCS | 10/23/2009 | Metal | Thallium | Dissolved | = | 46.5 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/23/2009 | Metal | Thallium | Dissolved | = | 93 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/23/2009 | Metal | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Thallium | Total | = | 50.4 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Thallium | Total | = | 52.3 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Thallium | Total | = | 52 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Thallium | Total | = | 49.6 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Thallium | Total | = | 104 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Thallium | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Thallium | Total | = | 101 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Thallium | Total | = | 104 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Thallium | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Thallium | Total | = | 0.4 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Metal | Thallium | Total | = | 47.1 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Metal | Thallium | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Metal | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-1 | Lab | LCS | 10/23/2009 | Metal | Zinc | Dissolved | = | 48 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/23/2009 | Metal | Zinc | Dissolved | = | 96 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/23/2009 | Metal | Zinc | Dissolved | < | 0.3 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Zinc | Total | = | 81.2 | µg/L | EPA 200.8 | 0.3 | 5 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/29/2009 | Metal | Zinc | Total | = | 200 | µg/L | EPA 200.8 | 0.3 | 5 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Zinc | Total | = | 79.9 | µg/L | EPA 200.8 | 0.3 | 5 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/29/2009 | Metal | Zinc | Total | = | 201 | µg/L | EPA 200.8 | 0.3 | 5 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Zinc | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/29/2009 | Metal | Zinc | Total | = | 76 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Zinc | Total | = | 78 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/29/2009 | Metal | Zinc | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Zinc | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/29/2009 | Metal | Zinc | Total | = | 0.7 | % | EPA 200.8 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Metal | Zinc | Total | = | 48.8 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Metal | Zinc | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Metal | Zinc | Total | < | 0.3 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/27/2009 | Nutrient | Ammonia as N | n/a | = | 1 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/27/2009 | Nutrient | Ammonia as N | n/a | = | 1.02 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/27/2009 | Nutrient | Ammonia as N | n/a | = | 1 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/27/2009 | Nutrient | Ammonia as N | n/a | = | 1.07 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/27/2009 | Nutrient | Ammonia as N | n/a | = | 100 | % | EPA 350.1 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/27/2009 | Nutrient | Ammonia as N | n/a | = | 107 | % | EPA 350.1 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/27/2009 | Nutrient | Ammonia as N | n/a | = | 100 | % | EPA 350.1 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/27/2009 | Nutrient | Ammonia as N | n/a | = | 102 | % | EPA 350.1 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/27/2009 | Nutrient | Ammonia as N | n/a | = | 7 | % | EPA 350.1 | -88 | -88 | 0 | 10 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/27/2009 | Nutrient | Ammonia as N | n/a | = | 2 | % | EPA 350.1 | -88 | -88 | 0 | 10 | DS |
| 2009/10-1 | Lab | LCS | 10/27/2009 | Nutrient | Ammonia as N | n/a | = | 1.02 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/27/2009 | Nutrient | Ammonia as N | n/a | = | 102 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-1 | Lab | method blank | 10/27/2009 | Nutrient | Ammonia as N | n/a | < | 0.048 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|------------------------|-----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | 000NONPJ | matrix spike | 10/15/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 3.04 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/15/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 2.38 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/15/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 2.41 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/15/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 3.09 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/15/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 99 | % | EPA 353.2 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/15/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 102 | % | EPA 353.2 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/15/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 101 | % | EPA 353.2 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/15/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 96 | % | EPA 353.2 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/15/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 1 | % | EPA 353.2 | -88 | -88 | 0 | 20 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/15/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 2 | % | EPA 353.2 | -88 | -88 | 0 | 20 | DS |
| 2009/10-1 | Lab | LCS | 10/15/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 0.989 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/15/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 99 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-1 | Lab | method blank | 10/15/2009 | Nutrient | Nitrate + Nitrite as N | n/a | < | 0.033 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/15/2009 | Nutrient | Nitrate as N | n/a | = | 2.38 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/15/2009 | Nutrient | Nitrate as N | n/a | = | 3.04 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/15/2009 | Nutrient | Nitrate as N | n/a | = | 2.41 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/15/2009 | Nutrient | Nitrate as N | n/a | = | 3.09 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/15/2009 | Nutrient | Nitrate as N | n/a | = | 102 | % | EPA 353.2 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/15/2009 | Nutrient | Nitrate as N | n/a | = | 99 | % | EPA 353.2 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/15/2009 | Nutrient | Nitrate as N | n/a | = | 96 | % | EPA 353.2 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/15/2009 | Nutrient | Nitrate as N | n/a | = | 101 | % | EPA 353.2 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/15/2009 | Nutrient | Nitrate as N | n/a | = | 1 | % | EPA 353.2 | -88 | -88 | 0 | 20 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/15/2009 | Nutrient | Nitrate as N | n/a | = | 2 | % | EPA 353.2 | -88 | -88 | 0 | 20 | DS |
| 2009/10-1 | Lab | LCS | 10/15/2009 | Nutrient | Nitrate as N | n/a | = | 0.989 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/15/2009 | Nutrient | Nitrate as N | n/a | = | 99 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-1 | Lab | method blank | 10/15/2009 | Nutrient | Nitrate as N | n/a | < | 0.022 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS | 10/23/2009 | Nutrient | Phosphorus as P | Dissolved | = | 0.0501 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/23/2009 | Nutrient | Phosphorus as P | Dissolved | = | 100 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-1 | Lab | method blank | 10/23/2009 | Nutrient | Phosphorus as P | Dissolved | < | 0.0014 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/23/2009 | Nutrient | Phosphorus as P | Total | = | 2.52 | mg/L | EPA 365.1 | 0.028 | 0.2 | | | DS,D,GB |
| 2009/10-1 | 000NONPJ | matrix spike | 10/23/2009 | Nutrient | Phosphorus as P | Total | = | 0.136 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/23/2009 | Nutrient | Phosphorus as P | Total | = | 0.137 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/23/2009 | Nutrient | Phosphorus as P | Total | = | 2.56 | mg/L | EPA 365.1 | 0.028 | 0.2 | | | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/23/2009 | Nutrient | Phosphorus as P | Total | = | 110 | % | EPA 365.1 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/23/2009 | Nutrient | Phosphorus as P | Total | = | 92 | % | EPA 365.1 | -88 | -88 | 90 | 110 | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/23/2009 | Nutrient | Phosphorus as P | Total | = | 84 | % | EPA 365.1 | -88 | -88 | 90 | 110 | DS,D,GB |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/23/2009 | Nutrient | Phosphorus as P | Total | = | 108 | % | EPA 365.1 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/23/2009 | Nutrient | Phosphorus as P | Total | = | 2 | % | EPA 365.1 | -88 | -88 | 0 | 10 | DS,D |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/23/2009 | Nutrient | Phosphorus as P | Total | = | 0.7 | % | EPA 365.1 | -88 | -88 | 0 | 10 | DS |
| 2009/10-1 | Lab | LCS | 10/23/2009 | Nutrient | Phosphorus as P | Total | = | 0.0501 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/23/2009 | Nutrient | Phosphorus as P | Total | = | 100 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-1 | Lab | method blank | 10/23/2009 | Nutrient | Phosphorus as P | Total | < | 0.0014 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/26/2009 | Nutrient | TKN | n/a | = | 1.25 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/26/2009 | Nutrient | TKN | n/a | = | 1.16 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/26/2009 | Nutrient | TKN | n/a | = | 1.12 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/26/2009 | Nutrient | TKN | n/a | = | 1.24 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/26/2009 | Nutrient | TKN | n/a | = | 99 | % | EPA 351.2 | -88 | -88 | 90 | 110 | DS |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|------------------------|---------------|----------------|------------------------|----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/26/2009 | Nutrient | TKN | n/a | = | 94 | % | EPA 351.2 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/26/2009 | Nutrient | TKN | n/a | = | 103 | % | EPA 351.2 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/26/2009 | Nutrient | TKN | n/a | = | 95 | % | EPA 351.2 | -88 | -88 | 90 | 110 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/26/2009 | Nutrient | TKN | n/a | = | 4 | % | EPA 351.2 | -88 | -88 | 0 | 15 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/26/2009 | Nutrient | TKN | n/a | = | 0.8 | % | EPA 351.2 | -88 | -88 | 0 | 15 | DS |
| 2009/10-1 | Lab | LCS | 10/26/2009 | Nutrient | TKN | n/a | = | 0.994 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/26/2009 | Nutrient | TKN | n/a | = | 99 | % | EPA 351.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-1 | Lab | method blank | 10/26/2009 | Nutrient | TKN | n/a | < | 0.074 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 35.5 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 41.7 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 83 | % | EPA 625 | -88 | -88 | 44 | 142 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 71 | % | EPA 625 | -88 | -88 | 44 | 142 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 16 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | 1,2-Dichlorobenzene | n/a | = | 36.6 | µg/L | EPA 625 | 0.3 | 2 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | 1,2-Dichlorobenzene | n/a | = | 43.1 | µg/L | EPA 625 | 0.3 | 2 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | 1,2-Dichlorobenzene | n/a | = | 86 | % | EPA 625 | -88 | -88 | 32 | 129 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | 1,2-Dichlorobenzene | n/a | = | 73 | % | EPA 625 | -88 | -88 | 32 | 129 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | 1,2-Dichlorobenzene | n/a | = | 16 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | | | X |
| 2009/10-1 | Lab | srgt LCS | 10/15/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 11.9 | µg/L | EPA 524.2 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup | 10/15/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 11 | µg/L | EPA 524.2 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup, rec | 10/15/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 110 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | srgt LCS, rec | 10/15/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 119 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | srgt method blank | 10/15/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 9.94 | µg/L | EPA 524.2 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt method blank, rec | 10/15/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 99 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | ME-CC | srgt environ | 10/15/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.7 | µg/L | EPA 524.2 | -88 | -88 | | | X |
| 2009/10-1 | ME-CC | srgt environ, rec | 10/15/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 107 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | ME-SCR | srgt environ | 10/15/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 11 | µg/L | EPA 524.2 | -88 | -88 | | | X |
| 2009/10-1 | ME-SCR | srgt environ, rec | 10/15/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 110 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | ME-VR2 | srgt environ | 10/15/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.8 | µg/L | EPA 524.2 | -88 | -88 | | | X |
| 2009/10-1 | ME-VR2 | srgt environ, rec | 10/15/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 108 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | MO-CAM | srgt environ | 10/15/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 13.6 | µg/L | EPA 524.2 | -88 | -88 | | | GN |
| 2009/10-1 | MO-CAM | srgt environ, rec | 10/15/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 136 | % | EPA 524.2 | -88 | -88 | 70 | 130 | GN |
| 2009/10-1 | MO-MEI | srgt environ | 10/15/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 12.3 | µg/L | EPA 524.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-MEI | srgt environ, rec | 10/15/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 123 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | MO-OJA | srgt environ | 10/15/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 12.6 | µg/L | EPA 524.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-OJA | srgt environ, rec | 10/15/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 126 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | MO-VEN | srgt environ | 10/15/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 11.7 | µg/L | EPA 524.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-VEN | srgt environ, rec | 10/15/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 117 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | 1,3-Dichlorobenzene | n/a | = | 36 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | 1,3-Dichlorobenzene | n/a | = | 42.8 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | 1,3-Dichlorobenzene | n/a | = | 86 | % | EPA 625 | -88 | -88 | 0.1 | 172 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | 1,3-Dichlorobenzene | n/a | = | 72 | % | EPA 625 | -88 | -88 | 0.1 | 172 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | 1,3-Dichlorobenzene | n/a | = | 17 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|------------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|-----------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | srgt LCS | 10/20/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.48 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup | 10/20/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 5.04 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup, rec | 10/20/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 101 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-1 | Lab | srgt LCS, rec | 10/20/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 90 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-1 | Lab | srgt method blank | 10/20/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.99 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt method blank, rec | 10/20/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-1 | Lab | srgt LCS | 10/29/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.59 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup | 10/29/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.653 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup, rec | 10/29/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 131 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-1 | Lab | srgt LCS, rec | 10/29/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 118 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-1 | Lab | srgt method blank | 10/29/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 1.02 | µg/L | EPA 525.2 | -88 | -88 | | | GN |
| 2009/10-1 | Lab | srgt method blank, rec | 10/29/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 205 | % | EPA 525.2 | -88 | -88 | 73 | 136 | GN |
| 2009/10-1 | ME-CC | srgt environ | 10/20/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 6.3 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | ME-CC | srgt environ, rec | 10/20/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 101 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-1 | ME-CC | srgt environ | 10/29/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.982 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | ME-CC | srgt environ, rec | 10/29/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 98 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-1 | ME-SCR | srgt environ | 10/20/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 5.9 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | ME-SCR | srgt environ, rec | 10/20/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 101 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-1 | ME-SCR | srgt environ | 10/29/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 1.1 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | ME-SCR | srgt environ, rec | 10/29/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 110 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-1 | ME-VR2 | srgt environ | 10/20/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 5.38 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | ME-VR2 | srgt environ, rec | 10/20/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 102 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-1 | ME-VR2 | srgt environ | 10/29/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 1.11 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | ME-VR2 | srgt environ, rec | 10/29/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 111 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-1 | MO-CAM | srgt environ | 10/20/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 9.76 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-CAM | srgt environ, rec | 10/20/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-1 | MO-CAM | srgt environ | 10/29/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 1.07 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-CAM | srgt environ, rec | 10/29/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 107 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-1 | MO-MEI | srgt environ | 10/20/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 8.06 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-MEI | srgt environ, rec | 10/20/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-1 | MO-MEI | srgt environ | 10/29/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.955 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-MEI | srgt environ, rec | 10/29/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-1 | MO-OJA | srgt environ | 10/20/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 6.45 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-OJA | srgt environ, rec | 10/20/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 115 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-1 | MO-OJA | srgt environ | 10/29/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 1.11 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-OJA | srgt environ, rec | 10/29/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 111 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-1 | MO-VEN | srgt environ | 10/20/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 7.06 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-VEN | srgt environ, rec | 10/20/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 95 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-1 | MO-VEN | srgt environ | 10/29/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.93 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-VEN | srgt environ, rec | 10/29/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 93 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | 1,4-Dichlorobenzene | n/a | = | 35.8 | µg/L | EPA 625 | 0.32 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | 1,4-Dichlorobenzene | n/a | = | 42.2 | µg/L | EPA 625 | 0.32 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | 1,4-Dichlorobenzene | n/a | = | 84 | % | EPA 625 | -88 | -88 | 20 | 124 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | 1,4-Dichlorobenzene | n/a | = | 72 | % | EPA 625 | -88 | -88 | 20 | 124 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | 1,4-Dichlorobenzene | n/a | = | 16 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | | | X |
| 2009/10-1 | Lab | srgt LCS | 10/24/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 94.5 | µg/L | EPA 625 | -88 | -88 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|----------------------------|---------------|----------------|-------------------------------|----------|------|--------|-------|-----------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | srgt LCS dup | 10/24/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 95.8 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup, rec | 10/24/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 96 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-1 | Lab | srgt LCS, rec | 10/24/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 95 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-1 | Lab | srgt method blank | 10/24/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 91 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt method blank, rec | 10/24/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 91 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-1 | ME-CC | srgt environ | 10/24/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 100 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | ME-CC | srgt environ, rec | 10/24/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 100 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-1 | ME-SCR | srgt environ | 10/24/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 78.9 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | ME-SCR | srgt environ, rec | 10/24/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 79 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-1 | ME-VR2 | srgt environ | 10/24/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 93.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | ME-VR2 | srgt environ, rec | 10/24/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 93 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-1 | MO-CAM | srgt environ | 10/24/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 84.4 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-CAM | srgt environ, rec | 10/24/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 84 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-1 | MO-MEI | srgt environ | 10/24/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 91.4 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-MEI | srgt environ, rec | 10/24/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 91 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-1 | MO-OJA | srgt environ | 10/24/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 99.9 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-OJA | srgt environ, rec | 10/24/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 100 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-1 | MO-VEN | srgt environ | 10/24/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 95.4 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-VEN | srgt environ, rec | 10/24/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 95 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | 2,4,6-Trichlorophenol | n/a | = | 37.2 | µg/L | EPA 625 | 0.88 | 10 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | 2,4,6-Trichlorophenol | n/a | = | 39.4 | µg/L | EPA 625 | 0.88 | 10 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | 2,4,6-Trichlorophenol | n/a | = | 79 | % | EPA 625 | -88 | -88 | 37 | 144 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | 2,4,6-Trichlorophenol | n/a | = | 74 | % | EPA 625 | -88 | -88 | 37 | 144 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | 2,4,6-Trichlorophenol | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | 2,4,6-Trichlorophenol | n/a | < | 0.88 | µg/L | EPA 625 | 0.88 | 10 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | 2,4-Dichlorophenol | n/a | = | 38.7 | µg/L | EPA 625 | 0.77 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | 2,4-Dichlorophenol | n/a | = | 43.6 | µg/L | EPA 625 | 0.77 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | 2,4-Dichlorophenol | n/a | = | 87 | % | EPA 625 | -88 | -88 | 39 | 135 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | 2,4-Dichlorophenol | n/a | = | 77 | % | EPA 625 | -88 | -88 | 39 | 135 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | 2,4-Dichlorophenol | n/a | = | 12 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | 2,4-Dichlorophenol | n/a | < | 0.77 | µg/L | EPA 625 | 0.77 | 5 | | | X |
| 2009/10-1 | 000NONPJ | srgt matrix spike | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 9.41 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-1 | 000NONPJ | srgt matrix spike dup | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 9.91 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-1 | 000NONPJ | srgt matrix spike dup, rec | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 99 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | 000NONPJ | srgt matrix spike, rec | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 94 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | srgt LCS | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 9.89 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS, rec | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 99 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | srgt method blank | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 10.3 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt method blank, rec | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 103 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | ME-CC | srgt environ | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 10.1 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-1 | ME-CC | srgt environ, rec | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 101 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | ME-SCR | srgt environ | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 9.62 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-1 | ME-SCR | srgt environ, rec | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 96 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | ME-VR2 | srgt environ | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 9.58 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-1 | ME-VR2 | srgt environ, rec | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 96 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | MO-CAM | srgt environ | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 8.68 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-1 | MO-CAM | srgt environ, rec | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 87 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-------------------|---------------|----------------|-------------------------------|----------|------|--------|-------|-----------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | MO-MEI | srgt environ | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 9.27 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-1 | MO-MEI | srgt environ, rec | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 93 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | MO-OJA | srgt environ | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 10.9 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-1 | MO-OJA | srgt environ, rec | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 109 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | MO-VEN | srgt environ | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 10.1 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-1 | MO-VEN | srgt environ, rec | 10/16/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 101 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | 2,4-Dimethylphenol | n/a | = | 41.3 | µg/L | EPA 625 | 0.8 | 2 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | 2,4-Dimethylphenol | n/a | = | 42.9 | µg/L | EPA 625 | 0.8 | 2 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | 2,4-Dimethylphenol | n/a | = | 86 | % | EPA 625 | -88 | -88 | 1.33 | 117 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | 2,4-Dimethylphenol | n/a | = | 83 | % | EPA 625 | -88 | -88 | 1.33 | 117 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | 2,4-Dimethylphenol | n/a | = | 4 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | 2,4-Dimethylphenol | n/a | < | 0.8 | µg/L | EPA 625 | 0.8 | 2 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | 2,4-Dinitrophenol | n/a | = | 37.1 | µg/L | EPA 625 | 5 | 10 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | 2,4-Dinitrophenol | n/a | = | 46.4 | µg/L | EPA 625 | 5 | 10 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | 2,4-Dinitrophenol | n/a | = | 93 | % | EPA 625 | -88 | -88 | 0.1 | 191 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | 2,4-Dinitrophenol | n/a | = | 74 | % | EPA 625 | -88 | -88 | 0.1 | 191 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | 2,4-Dinitrophenol | n/a | = | 22 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | 2,4-Dinitrophenol | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | 2,4-Dinitrotoluene | n/a | = | 48.4 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | 2,4-Dinitrotoluene | n/a | = | 50.8 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | 2,4-Dinitrotoluene | n/a | = | 102 | % | EPA 625 | -88 | -88 | 39 | 139 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | 2,4-Dinitrotoluene | n/a | = | 97 | % | EPA 625 | -88 | -88 | 39 | 139 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | 2,4-Dinitrotoluene | n/a | = | 5 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | 2,6-Dinitrotoluene | n/a | = | 40.1 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | 2,6-Dinitrotoluene | n/a | = | 41.8 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | 2,6-Dinitrotoluene | n/a | = | 84 | % | EPA 625 | -88 | -88 | 50 | 158 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | 2,6-Dinitrotoluene | n/a | = | 80 | % | EPA 625 | -88 | -88 | 50 | 158 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | 2,6-Dinitrotoluene | n/a | = | 4 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/15/2009 | Organic | 2-Chloroethyl vinyl ether | n/a | = | 5.34 | µg/L | EPA 524.2 | 0.35 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/15/2009 | Organic | 2-Chloroethyl vinyl ether | n/a | = | 5.4 | µg/L | EPA 524.2 | 0.35 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/15/2009 | Organic | 2-Chloroethyl vinyl ether | n/a | = | 90 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | LCS, rec | 10/15/2009 | Organic | 2-Chloroethyl vinyl ether | n/a | = | 89 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/15/2009 | Organic | 2-Chloroethyl vinyl ether | n/a | = | 1 | % | EPA 524.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/15/2009 | Organic | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | 2-Chloronaphthalene | n/a | = | 37.1 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | 2-Chloronaphthalene | n/a | = | 40.6 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | 2-Chloronaphthalene | n/a | = | 81 | % | EPA 625 | -88 | -88 | 60 | 118 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | 2-Chloronaphthalene | n/a | = | 74 | % | EPA 625 | -88 | -88 | 60 | 118 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | 2-Chloronaphthalene | n/a | = | 9 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | 2-Chlorophenol | n/a | = | 35.5 | µg/L | EPA 625 | 0.71 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | 2-Chlorophenol | n/a | = | 41 | µg/L | EPA 625 | 0.71 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | 2-Chlorophenol | n/a | = | 82 | % | EPA 625 | -88 | -88 | 23 | 134 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | 2-Chlorophenol | n/a | = | 71 | % | EPA 625 | -88 | -88 | 23 | 134 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | 2-Chlorophenol | n/a | = | 15 | % | EPA 625 | -88 | -88 | 0 | 30 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|------------------------|---------------|----------------|------------------|----------|------|--------|-------|---------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | 2-Chlorophenol | n/a | < | 0.71 | µg/L | EPA 625 | 0.71 | 5 | | | X |
| 2009/10-1 | Lab | srgt LCS | 10/24/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 37.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup | 10/24/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 40.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup, rec | 10/24/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 81 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-1 | Lab | srgt LCS, rec | 10/24/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 74 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-1 | Lab | srgt method blank | 10/24/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 42 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt method blank, rec | 10/24/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 84 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-1 | ME-CC | srgt environ | 10/24/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 44 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | ME-CC | srgt environ, rec | 10/24/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 88 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-1 | ME-SCR | srgt environ | 10/24/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 35.9 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | ME-SCR | srgt environ, rec | 10/24/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 72 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-1 | ME-VR2 | srgt environ | 10/24/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 45 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | ME-VR2 | srgt environ, rec | 10/24/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 90 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-1 | MO-CAM | srgt environ | 10/24/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 36.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-CAM | srgt environ, rec | 10/24/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 73 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-1 | MO-MEI | srgt environ | 10/24/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 42.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-MEI | srgt environ, rec | 10/24/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 85 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-1 | MO-OJA | srgt environ | 10/24/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 44.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-OJA | srgt environ, rec | 10/24/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 88 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-1 | MO-VEN | srgt environ | 10/24/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 40 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-VEN | srgt environ, rec | 10/24/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 80 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-1 | Lab | srgt LCS | 10/24/2009 | Organic | 2-Fluorophenol | n/a | = | 52.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup | 10/24/2009 | Organic | 2-Fluorophenol | n/a | = | 61.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup, rec | 10/24/2009 | Organic | 2-Fluorophenol | n/a | = | 62 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-1 | Lab | srgt LCS, rec | 10/24/2009 | Organic | 2-Fluorophenol | n/a | = | 52 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-1 | Lab | srgt method blank | 10/24/2009 | Organic | 2-Fluorophenol | n/a | = | 66 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt method blank, rec | 10/24/2009 | Organic | 2-Fluorophenol | n/a | = | 66 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-1 | ME-CC | srgt environ | 10/24/2009 | Organic | 2-Fluorophenol | n/a | = | 55.6 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | ME-CC | srgt environ, rec | 10/24/2009 | Organic | 2-Fluorophenol | n/a | = | 56 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-1 | ME-SCR | srgt environ | 10/24/2009 | Organic | 2-Fluorophenol | n/a | = | 58.8 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | ME-SCR | srgt environ, rec | 10/24/2009 | Organic | 2-Fluorophenol | n/a | = | 59 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-1 | ME-VR2 | srgt environ | 10/24/2009 | Organic | 2-Fluorophenol | n/a | = | 64.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | ME-VR2 | srgt environ, rec | 10/24/2009 | Organic | 2-Fluorophenol | n/a | = | 65 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-1 | MO-CAM | srgt environ | 10/24/2009 | Organic | 2-Fluorophenol | n/a | = | 55.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-CAM | srgt environ, rec | 10/24/2009 | Organic | 2-Fluorophenol | n/a | = | 55 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-1 | MO-MEI | srgt environ | 10/24/2009 | Organic | 2-Fluorophenol | n/a | = | 66.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-MEI | srgt environ, rec | 10/24/2009 | Organic | 2-Fluorophenol | n/a | = | 67 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-1 | MO-OJA | srgt environ | 10/24/2009 | Organic | 2-Fluorophenol | n/a | = | 64.4 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-OJA | srgt environ, rec | 10/24/2009 | Organic | 2-Fluorophenol | n/a | = | 64 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-1 | MO-VEN | srgt environ | 10/24/2009 | Organic | 2-Fluorophenol | n/a | = | 61.6 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-VEN | srgt environ, rec | 10/24/2009 | Organic | 2-Fluorophenol | n/a | = | 62 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | 2-Nitrophenol | n/a | = | 39.8 | µg/L | EPA 625 | 0.84 | 10 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | 2-Nitrophenol | n/a | = | 45.5 | µg/L | EPA 625 | 0.84 | 10 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | 2-Nitrophenol | n/a | = | 91 | % | EPA 625 | -88 | -88 | 29 | 182 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | 2-Nitrophenol | n/a | = | 80 | % | EPA 625 | -88 | -88 | 29 | 182 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | 2-Nitrophenol | n/a | = | 13 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | 2-Nitrophenol | n/a | < | 0.84 | µg/L | EPA 625 | 0.84 | 10 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|------------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|-----------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 27.4 | µg/L | EPA 625 | 0.3 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 27.8 | µg/L | EPA 625 | 0.3 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 56 | % | EPA 625 | -88 | -88 | 0.1 | 262 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 55 | % | EPA 625 | -88 | -88 | 0.1 | 262 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 1 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | 4,6-Dinitro-2-methylphenol | n/a | = | 44.6 | µg/L | EPA 625 | 0.33 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | 4,6-Dinitro-2-methylphenol | n/a | = | 50.6 | µg/L | EPA 625 | 0.33 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | 4,6-Dinitro-2-methylphenol | n/a | = | 101 | % | EPA 625 | -88 | -88 | 0.1 | 181 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | 4,6-Dinitro-2-methylphenol | n/a | = | 89 | % | EPA 625 | -88 | -88 | 0.1 | 181 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | 4,6-Dinitro-2-methylphenol | n/a | = | 13 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | 4,6-Dinitro-2-methylphenol | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 5 | | | X |
| 2009/10-1 | Lab | srgt LCS | 10/15/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 11.1 | µg/L | EPA 524.2 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup | 10/15/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 10.7 | µg/L | EPA 524.2 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup, rec | 10/15/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 107 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | srgt LCS, rec | 10/15/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 111 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | srgt method blank | 10/15/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 10 | µg/L | EPA 524.2 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt method blank, rec | 10/15/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 100 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | ME-CC | srgt environ | 10/15/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 10.4 | µg/L | EPA 524.2 | -88 | -88 | | | X |
| 2009/10-1 | ME-CC | srgt environ, rec | 10/15/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 104 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | ME-SCR | srgt environ | 10/15/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 10.5 | µg/L | EPA 524.2 | -88 | -88 | | | X |
| 2009/10-1 | ME-SCR | srgt environ, rec | 10/15/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 105 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | ME-VR2 | srgt environ | 10/15/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 10.4 | µg/L | EPA 524.2 | -88 | -88 | | | X |
| 2009/10-1 | ME-VR2 | srgt environ, rec | 10/15/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 104 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | MO-CAM | srgt environ | 10/15/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 11.9 | µg/L | EPA 524.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-CAM | srgt environ, rec | 10/15/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 119 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | MO-MEI | srgt environ | 10/15/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 11.2 | µg/L | EPA 524.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-MEI | srgt environ, rec | 10/15/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 112 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | MO-OJA | srgt environ | 10/15/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 11.4 | µg/L | EPA 524.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-OJA | srgt environ, rec | 10/15/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 114 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | MO-VEN | srgt environ | 10/15/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 11.1 | µg/L | EPA 524.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-VEN | srgt environ, rec | 10/15/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 111 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 42 | µg/L | EPA 625 | 0.23 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 44.6 | µg/L | EPA 625 | 0.23 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 89 | % | EPA 625 | -88 | -88 | 56 | 127 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 84 | % | EPA 625 | -88 | -88 | 56 | 127 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | 4-Chloro-3-methylphenol | n/a | = | 37.2 | µg/L | EPA 625 | 0.4 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | 4-Chloro-3-methylphenol | n/a | = | 39.5 | µg/L | EPA 625 | 0.4 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | 4-Chloro-3-methylphenol | n/a | = | 79 | % | EPA 625 | -88 | -88 | 22 | 147 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | 4-Chloro-3-methylphenol | n/a | = | 74 | % | EPA 625 | -88 | -88 | 22 | 147 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | 4-Chloro-3-methylphenol | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | 4-Chloro-3-methylphenol | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 1 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 46.2 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 48.8 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 98 | % | EPA 625 | -88 | -88 | 25 | 158 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 92 | % | EPA 625 | -88 | -88 | 25 | 158 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | 4-Nitrophenol | n/a | = | 20.2 | µg/L | EPA 625 | 6.7 | 10 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | 4-Nitrophenol | n/a | = | 22 | µg/L | EPA 625 | 6.7 | 10 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | 4-Nitrophenol | n/a | = | 44 | % | EPA 625 | -88 | -88 | 0.1 | 132 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | 4-Nitrophenol | n/a | = | 40 | % | EPA 625 | -88 | -88 | 0.1 | 132 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | 4-Nitrophenol | n/a | = | 9 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | 4-Nitrophenol | n/a | < | 6.7 | µg/L | EPA 625 | 6.7 | 10 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Acenaphthene | n/a | = | 43.5 | µg/L | EPA 625 | 0.31 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Acenaphthene | n/a | = | 46.5 | µg/L | EPA 625 | 0.31 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Acenaphthene | n/a | = | 93 | % | EPA 625 | -88 | -88 | 47 | 145 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Acenaphthene | n/a | = | 87 | % | EPA 625 | -88 | -88 | 47 | 145 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Acenaphthene | n/a | = | 7 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Acenaphthene | n/a | < | 0.31 | µg/L | EPA 625 | 0.31 | 1 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Acenaphthylene | n/a | = | 39.6 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Acenaphthylene | n/a | = | 42.2 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Acenaphthylene | n/a | = | 84 | % | EPA 625 | -88 | -88 | 33 | 145 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Acenaphthylene | n/a | = | 79 | % | EPA 625 | -88 | -88 | 33 | 145 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Acenaphthylene | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Acenaphthylene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Anthracene | n/a | = | 44.5 | µg/L | EPA 625 | 0.28 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Anthracene | n/a | = | 45.1 | µg/L | EPA 625 | 0.28 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Anthracene | n/a | = | 90 | % | EPA 625 | -88 | -88 | 27 | 133 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Anthracene | n/a | = | 89 | % | EPA 625 | -88 | -88 | 27 | 133 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Anthracene | n/a | = | 1 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Anthracene | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Benz(a)anthracene | n/a | = | 41.6 | µg/L | EPA 625 | 0.19 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Benz(a)anthracene | n/a | = | 42 | µg/L | EPA 625 | 0.19 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Benz(a)anthracene | n/a | = | 84 | % | EPA 625 | -88 | -88 | 33 | 143 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Benz(a)anthracene | n/a | = | 83 | % | EPA 625 | -88 | -88 | 33 | 143 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Benz(a)anthracene | n/a | = | 1 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Benz(a)anthracene | n/a | < | 0.19 | µg/L | EPA 625 | 0.19 | 5 | | | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Benididine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Organic | Benzo(a)pyrene | n/a | = | 1.73 | µg/L | EPA 525.2 | 0.073 | 0.1 | | | EUM |
| 2009/10-1 | Lab | LCS dup | 10/20/2009 | Organic | Benzo(a)pyrene | n/a | = | 1.08 | µg/L | EPA 525.2 | 0.073 | 0.1 | | | EUM,IL |
| 2009/10-1 | Lab | LCS dup, rec | 10/20/2009 | Organic | Benzo(a)pyrene | n/a | = | 22 | % | EPA 525.2 | -88 | -88 | 54 | 136 | EUM,IL |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Organic | Benzo(a)pyrene | n/a | = | 35 | % | EPA 525.2 | -88 | -88 | 54 | 136 | EUM |
| 2009/10-1 | Lab | LCS, RPD | 10/20/2009 | Organic | Benzo(a)pyrene | n/a | = | 46 | % | EPA 525.2 | -88 | -88 | 0 | 30 | EUM,IL |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Organic | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Benzo(b)fluoranthene | n/a | = | 50.4 | µg/L | EPA 625 | 0.16 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Benzo(b)fluoranthene | n/a | = | 51.1 | µg/L | EPA 625 | 0.16 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Benzo(b)fluoranthene | n/a | = | 102 | % | EPA 625 | -88 | -88 | 24 | 159 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Benzo(b)fluoranthene | n/a | = | 101 | % | EPA 625 | -88 | -88 | 24 | 159 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Benzo(b)fluoranthene | n/a | = | 1 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Benzo(b)fluoranthene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Benzo(g,h,i)perylene | n/a | = | 43.4 | µg/L | EPA 625 | 0.31 | 5 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|-----------|------|-----|----------|-----|----------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Benzo(g,h,i)perylene | n/a | = | 39.5 | µg/L | EPA 625 | 0.31 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Benzo(g,h,i)perylene | n/a | = | 79 | % | EPA 625 | -88 | -88 | 0.1 | 219 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Benzo(g,h,i)perylene | n/a | = | 87 | % | EPA 625 | -88 | -88 | 0.1 | 219 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Benzo(g,h,i)perylene | n/a | = | 10 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Benzo(g,h,i)perylene | n/a | < | 0.31 | µg/L | EPA 625 | 0.31 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Benzo(k)fluoranthene | n/a | = | 49.4 | µg/L | EPA 625 | 0.23 | 10 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Benzo(k)fluoranthene | n/a | = | 52.4 | µg/L | EPA 625 | 0.23 | 10 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Benzo(k)fluoranthene | n/a | = | 105 | % | EPA 625 | -88 | -88 | 11 | 162 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Benzo(k)fluoranthene | n/a | = | 99 | % | EPA 625 | -88 | -88 | 11 | 162 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Benzo(k)fluoranthene | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Benzo(k)fluoranthene | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 10 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 39 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 43.5 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 87 | % | EPA 625 | -88 | -88 | 33 | 184 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 78 | % | EPA 625 | -88 | -88 | 33 | 184 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 11 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Bis(2-chloroethyl)ether | n/a | = | 36.2 | µg/L | EPA 625 | 0.46 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Bis(2-chloroethyl)ether | n/a | = | 41.7 | µg/L | EPA 625 | 0.46 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Bis(2-chloroethyl)ether | n/a | = | 83 | % | EPA 625 | -88 | -88 | 12 | 158 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Bis(2-chloroethyl)ether | n/a | = | 72 | % | EPA 625 | -88 | -88 | 12 | 158 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Bis(2-chloroethyl)ether | n/a | = | 14 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 38.2 | µg/L | EPA 625 | 0.48 | 2 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 44 | µg/L | EPA 625 | 0.48 | 2 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 88 | % | EPA 625 | -88 | -88 | 36 | 166 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 76 | % | EPA 625 | -88 | -88 | 36 | 166 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 14 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | | | X |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Organic | Bis(2-ethylhexyl)adipate | n/a | DNQ | 1.59 | µg/L | EPA 525.2 | 0.23 | 5 | | | J,EUM |
| 2009/10-1 | Lab | LCS dup | 10/20/2009 | Organic | Bis(2-ethylhexyl)adipate | n/a | DNQ | 1.13 | µg/L | EPA 525.2 | 0.23 | 5 | | | J,EUM,IL |
| 2009/10-1 | Lab | LCS dup, rec | 10/20/2009 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 23 | % | EPA 525.2 | -88 | -88 | 50 | 145 | J,EUM,IL |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 32 | % | EPA 525.2 | -88 | -88 | 50 | 145 | J,EUM |
| 2009/10-1 | Lab | LCS, RPD | 10/20/2009 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 34 | % | EPA 525.2 | -88 | -88 | 0 | 30 | J,EUM,IL |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Organic | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Organic | Bis(2-ethylhexyl)phthalate | n/a | DNQ | 2.19 | µg/L | EPA 525.2 | 1.1 | 3 | | | J,EUM,IL |
| 2009/10-1 | Lab | LCS dup | 10/20/2009 | Organic | Bis(2-ethylhexyl)phthalate | n/a | DNQ | 1.58 | µg/L | EPA 525.2 | 1.1 | 3 | | | J,EUM,IL |
| 2009/10-1 | Lab | LCS dup, rec | 10/20/2009 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 32 | % | EPA 525.2 | -88 | -88 | 54 | 142 | J,EUM,IL |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 44 | % | EPA 525.2 | -88 | -88 | 54 | 142 | J,EUM,IL |
| 2009/10-1 | Lab | LCS, RPD | 10/20/2009 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 32 | % | EPA 525.2 | -88 | -88 | 0 | 30 | J,EUM,IL |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Organic | Bis(2-ethylhexyl)phthalate | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 3 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Butyl benzyl phthalate | n/a | = | 42.2 | µg/L | EPA 625 | 1 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Butyl benzyl phthalate | n/a | = | 43.6 | µg/L | EPA 625 | 1 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Butyl benzyl phthalate | n/a | = | 87 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Butyl benzyl phthalate | n/a | = | 84 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Butyl benzyl phthalate | n/a | = | 3 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|------------------|---------------|----------------|-----------------------|----------|------|--------|-------|---------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Chrysene | n/a | = | 46.3 | µg/L | EPA 625 | 0.25 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Chrysene | n/a | = | 48.2 | µg/L | EPA 625 | 0.25 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Chrysene | n/a | = | 96 | % | EPA 625 | -88 | -88 | 17 | 168 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Chrysene | n/a | = | 93 | % | EPA 625 | -88 | -88 | 17 | 168 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Chrysene | n/a | = | 4 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Chrysene | n/a | < | 0.25 | µg/L | EPA 625 | 0.25 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Dibenz(a,h)anthracene | n/a | = | 47.9 | µg/L | EPA 625 | 0.32 | 10 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Dibenz(a,h)anthracene | n/a | = | 46.6 | µg/L | EPA 625 | 0.32 | 10 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Dibenz(a,h)anthracene | n/a | = | 93 | % | EPA 625 | -88 | -88 | 0.1 | 227 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Dibenz(a,h)anthracene | n/a | = | 96 | % | EPA 625 | -88 | -88 | 0.1 | 227 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Dibenz(a,h)anthracene | n/a | = | 3 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Dibenz(a,h)anthracene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 10 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Diethyl phthalate | n/a | = | 43.7 | µg/L | EPA 625 | 0.23 | 2 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Diethyl phthalate | n/a | = | 45.2 | µg/L | EPA 625 | 0.23 | 2 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Diethyl phthalate | n/a | = | 90 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Diethyl phthalate | n/a | = | 87 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Diethyl phthalate | n/a | = | 3 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Dimethyl phthalate | n/a | = | 39.6 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Dimethyl phthalate | n/a | = | 40.8 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Dimethyl phthalate | n/a | = | 82 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Dimethyl phthalate | n/a | = | 79 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Dimethyl phthalate | n/a | = | 3 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Di-n-butylphthalate | n/a | = | 39.9 | µg/L | EPA 625 | 0.53 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Di-n-butylphthalate | n/a | = | 40.6 | µg/L | EPA 625 | 0.53 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Di-n-butylphthalate | n/a | = | 81 | % | EPA 625 | -88 | -88 | 1 | 118 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Di-n-butylphthalate | n/a | = | 80 | % | EPA 625 | -88 | -88 | 1 | 118 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Di-n-butylphthalate | n/a | = | 2 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Di-n-butylphthalate | n/a | < | 0.53 | µg/L | EPA 625 | 0.53 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Di-n-octylphthalate | n/a | = | 43.5 | µg/L | EPA 625 | 0.28 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Di-n-octylphthalate | n/a | = | 45 | µg/L | EPA 625 | 0.28 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Di-n-octylphthalate | n/a | = | 90 | % | EPA 625 | -88 | -88 | 6 | 146 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Di-n-octylphthalate | n/a | = | 87 | % | EPA 625 | -88 | -88 | 6 | 146 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Di-n-octylphthalate | n/a | = | 3 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Fluoranthene | n/a | = | 44 | µg/L | EPA 625 | 0.16 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Fluoranthene | n/a | = | 44.9 | µg/L | EPA 625 | 0.16 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Fluoranthene | n/a | = | 90 | % | EPA 625 | -88 | -88 | 26 | 137 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Fluoranthene | n/a | = | 88 | % | EPA 625 | -88 | -88 | 26 | 137 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Fluoranthene | n/a | = | 2 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Fluoranthene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 1 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Fluorene | n/a | = | 51.8 | µg/L | EPA 625 | 0.28 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Fluorene | n/a | = | 54.4 | µg/L | EPA 625 | 0.28 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Fluorene | n/a | = | 109 | % | EPA 625 | -88 | -88 | 59 | 121 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Fluorene | n/a | = | 104 | % | EPA 625 | -88 | -88 | 59 | 121 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Fluorene | n/a | = | 5 | % | EPA 625 | -88 | -88 | 0 | 30 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|------------------|---------------|----------------|--------------------------------|----------|------|--------|-------|-----------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Fluorene | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Hexachlorobenzene | n/a | = | 45.6 | µg/L | EPA 625 | 0.15 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Hexachlorobenzene | n/a | = | 47.7 | µg/L | EPA 625 | 0.15 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Hexachlorobenzene | n/a | = | 95 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Hexachlorobenzene | n/a | = | 91 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Hexachlorobenzene | n/a | = | 4 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Hexachlorobutadiene | n/a | = | 34.9 | µg/L | EPA 625 | 0.41 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Hexachlorobutadiene | n/a | = | 41.4 | µg/L | EPA 625 | 0.41 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Hexachlorobutadiene | n/a | = | 83 | % | EPA 625 | -88 | -88 | 24 | 116 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Hexachlorobutadiene | n/a | = | 70 | % | EPA 625 | -88 | -88 | 24 | 116 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Hexachlorobutadiene | n/a | = | 17 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Hexachlorocyclopentadiene | n/a | = | 8.42 | µg/L | EPA 625 | 5 | 5 | | | IL |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Hexachlorocyclopentadiene | n/a | = | 11.5 | µg/L | EPA 625 | 5 | 10 | | | IL |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Hexachlorocyclopentadiene | n/a | = | 23 | % | EPA 625 | -88 | -88 | 0.1 | 136 | IL |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Hexachlorocyclopentadiene | n/a | = | 17 | % | EPA 625 | -88 | -88 | 0.1 | 136 | IL |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Hexachlorocyclopentadiene | n/a | = | 31 | % | EPA 625 | -88 | -88 | 0 | 30 | IL |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Hexachloroethane | n/a | = | 35.2 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Hexachloroethane | n/a | = | 43.2 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Hexachloroethane | n/a | = | 86 | % | EPA 625 | -88 | -88 | 40 | 113 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Hexachloroethane | n/a | = | 70 | % | EPA 625 | -88 | -88 | 40 | 113 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Hexachloroethane | n/a | = | 20 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 46.6 | µg/L | EPA 625 | 0.32 | 10 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 44.6 | µg/L | EPA 625 | 0.32 | 10 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 89 | % | EPA 625 | -88 | -88 | 0.1 | 171 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 93 | % | EPA 625 | -88 | -88 | 0.1 | 171 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 4 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Indeno(1,2,3-cd)pyrene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 10 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Isophorone | n/a | = | 38.2 | µg/L | EPA 625 | 0.33 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Isophorone | n/a | = | 42.2 | µg/L | EPA 625 | 0.33 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Isophorone | n/a | = | 84 | % | EPA 625 | -88 | -88 | 21 | 196 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Isophorone | n/a | = | 76 | % | EPA 625 | -88 | -88 | 21 | 196 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Isophorone | n/a | = | 10 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | | | X |
| 2009/10-1 | Lab | LCS | 10/15/2009 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 5.77 | µg/L | EPA 524.2 | 1.1 | 3 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/15/2009 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 5.74 | µg/L | EPA 524.2 | 1.1 | 3 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/15/2009 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 96 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | LCS, rec | 10/15/2009 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 96 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/15/2009 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 0.5 | % | EPA 524.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/15/2009 | Organic | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Naphthalene | n/a | = | 31.4 | µg/L | EPA 625 | 0.35 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Naphthalene | n/a | = | 34.7 | µg/L | EPA 625 | 0.35 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Naphthalene | n/a | = | 69 | % | EPA 625 | -88 | -88 | 21 | 133 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Naphthalene | n/a | = | 63 | % | EPA 625 | -88 | -88 | 21 | 133 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|------------------------|---------------|----------------|---------------------------|----------|------|--------|-------|-----------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Naphthalene | n/a | = | 10 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Naphthalene | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Nitrobenzene | n/a | = | 38.2 | µg/L | EPA 625 | 0.37 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Nitrobenzene | n/a | = | 43.4 | µg/L | EPA 625 | 0.37 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Nitrobenzene | n/a | = | 87 | % | EPA 625 | -88 | -88 | 35 | 180 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Nitrobenzene | n/a | = | 76 | % | EPA 625 | -88 | -88 | 35 | 180 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Nitrobenzene | n/a | = | 13 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | | | X |
| 2009/10-1 | Lab | srgt LCS | 10/24/2009 | Organic | Nitrobenzene-d5 | n/a | = | 41.4 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup | 10/24/2009 | Organic | Nitrobenzene-d5 | n/a | = | 46.2 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup, rec | 10/24/2009 | Organic | Nitrobenzene-d5 | n/a | = | 92 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-1 | Lab | srgt LCS, rec | 10/24/2009 | Organic | Nitrobenzene-d5 | n/a | = | 83 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-1 | Lab | srgt method blank | 10/24/2009 | Organic | Nitrobenzene-d5 | n/a | = | 48.4 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt method blank, rec | 10/24/2009 | Organic | Nitrobenzene-d5 | n/a | = | 97 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-1 | ME-CC | srgt environ | 10/24/2009 | Organic | Nitrobenzene-d5 | n/a | = | 48.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | ME-CC | srgt environ, rec | 10/24/2009 | Organic | Nitrobenzene-d5 | n/a | = | 97 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-1 | ME-SCR | srgt environ | 10/24/2009 | Organic | Nitrobenzene-d5 | n/a | = | 40.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | ME-SCR | srgt environ, rec | 10/24/2009 | Organic | Nitrobenzene-d5 | n/a | = | 81 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-1 | ME-VR2 | srgt environ | 10/24/2009 | Organic | Nitrobenzene-d5 | n/a | = | 50.8 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | ME-VR2 | srgt environ, rec | 10/24/2009 | Organic | Nitrobenzene-d5 | n/a | = | 102 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-1 | MO-CAM | srgt environ | 10/24/2009 | Organic | Nitrobenzene-d5 | n/a | = | 40.3 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-CAM | srgt environ, rec | 10/24/2009 | Organic | Nitrobenzene-d5 | n/a | = | 81 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-1 | MO-MEI | srgt environ | 10/24/2009 | Organic | Nitrobenzene-d5 | n/a | = | 48.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-MEI | srgt environ, rec | 10/24/2009 | Organic | Nitrobenzene-d5 | n/a | = | 97 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-1 | MO-OJA | srgt environ | 10/24/2009 | Organic | Nitrobenzene-d5 | n/a | = | 49.3 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-OJA | srgt environ, rec | 10/24/2009 | Organic | Nitrobenzene-d5 | n/a | = | 99 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-1 | MO-VEN | srgt environ | 10/24/2009 | Organic | Nitrobenzene-d5 | n/a | = | 44.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-VEN | srgt environ, rec | 10/24/2009 | Organic | Nitrobenzene-d5 | n/a | = | 88 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | N-Nitrosodimethylamine | n/a | = | 25.9 | µg/L | EPA 625 | 0.36 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | N-Nitrosodimethylamine | n/a | = | 30 | µg/L | EPA 625 | 0.36 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | N-Nitrosodimethylamine | n/a | = | 60 | % | EPA 625 | -88 | -88 | 27 | 78 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | N-Nitrosodimethylamine | n/a | = | 52 | % | EPA 625 | -88 | -88 | 27 | 78 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | N-Nitrosodimethylamine | n/a | = | 15 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 37.5 | µg/L | EPA 625 | 0.41 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 40.9 | µg/L | EPA 625 | 0.41 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 82 | % | EPA 625 | -88 | -88 | 0.1 | 230 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 75 | % | EPA 625 | -88 | -88 | 0.1 | 230 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 9 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | N-Nitrosodiphenylamine | n/a | = | 40 | µg/L | EPA 625 | 0.23 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | N-Nitrosodiphenylamine | n/a | = | 41.5 | µg/L | EPA 625 | 0.23 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | N-Nitrosodiphenylamine | n/a | = | 83 | % | EPA 625 | -88 | -88 | 48 | 129 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | N-Nitrosodiphenylamine | n/a | = | 80 | % | EPA 625 | -88 | -88 | 48 | 129 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | N-Nitrosodiphenylamine | n/a | = | 4 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | | | X |
| 2009/10-1 | Lab | srgt LCS | 10/20/2009 | Organic | Perylene-d12 | n/a | = | 3.25 | µg/L | EPA 525.2 | -88 | -88 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|------------------------|---------------|----------------|--------------|----------|------|--------|-------|-----------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | srgt LCS dup | 10/20/2009 | Organic | Perylene-d12 | n/a | = | 3.58 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup, rec | 10/20/2009 | Organic | Perylene-d12 | n/a | = | 72 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-1 | Lab | srgt LCS, rec | 10/20/2009 | Organic | Perylene-d12 | n/a | = | 65 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-1 | Lab | srgt method blank | 10/20/2009 | Organic | Perylene-d12 | n/a | = | 3.32 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt method blank, rec | 10/20/2009 | Organic | Perylene-d12 | n/a | = | 66 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-1 | ME-CC | srgt environ | 10/20/2009 | Organic | Perylene-d12 | n/a | = | 2.83 | µg/L | EPA 525.2 | -88 | -88 | | | GN |
| 2009/10-1 | ME-CC | srgt environ, rec | 10/20/2009 | Organic | Perylene-d12 | n/a | = | 45 | % | EPA 525.2 | -88 | -88 | 48 | 141 | GN |
| 2009/10-1 | ME-SCR | srgt environ | 10/20/2009 | Organic | Perylene-d12 | n/a | = | 3.73 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | ME-SCR | srgt environ, rec | 10/20/2009 | Organic | Perylene-d12 | n/a | = | 64 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-1 | ME-VR2 | srgt environ | 10/20/2009 | Organic | Perylene-d12 | n/a | = | 3.08 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | ME-VR2 | srgt environ, rec | 10/20/2009 | Organic | Perylene-d12 | n/a | = | 58 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-1 | MO-CAM | srgt environ | 10/20/2009 | Organic | Perylene-d12 | n/a | = | 4.55 | µg/L | EPA 525.2 | -88 | -88 | | | GN |
| 2009/10-1 | MO-CAM | srgt environ, rec | 10/20/2009 | Organic | Perylene-d12 | n/a | = | 46 | % | EPA 525.2 | -88 | -88 | 48 | 141 | GN |
| 2009/10-1 | MO-MEI | srgt environ | 10/20/2009 | Organic | Perylene-d12 | n/a | = | 4.16 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-MEI | srgt environ, rec | 10/20/2009 | Organic | Perylene-d12 | n/a | = | 50 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-1 | MO-OJA | srgt environ | 10/20/2009 | Organic | Perylene-d12 | n/a | = | 0.98 | µg/L | EPA 525.2 | -88 | -88 | | | GN |
| 2009/10-1 | MO-OJA | srgt environ, rec | 10/20/2009 | Organic | Perylene-d12 | n/a | = | 17 | % | EPA 525.2 | -88 | -88 | 48 | 141 | GN |
| 2009/10-1 | MO-VEN | srgt environ | 10/20/2009 | Organic | Perylene-d12 | n/a | = | 2.67 | µg/L | EPA 525.2 | -88 | -88 | | | GN |
| 2009/10-1 | MO-VEN | srgt environ, rec | 10/20/2009 | Organic | Perylene-d12 | n/a | = | 36 | % | EPA 525.2 | -88 | -88 | 48 | 141 | GN |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Phenanthrene | n/a | = | 44.6 | µg/L | EPA 625 | 0.25 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Phenanthrene | n/a | = | 45.4 | µg/L | EPA 625 | 0.25 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Phenanthrene | n/a | = | 91 | % | EPA 625 | -88 | -88 | 54 | 120 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Phenanthrene | n/a | = | 89 | % | EPA 625 | -88 | -88 | 54 | 120 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Phenanthrene | n/a | = | 2 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Phenanthrene | n/a | < | 0.25 | µg/L | EPA 625 | 0.25 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Phenol | n/a | = | 17.2 | µg/L | EPA 625 | 0.3 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Phenol | n/a | = | 19.7 | µg/L | EPA 625 | 0.3 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Phenol | n/a | = | 39 | % | EPA 625 | -88 | -88 | 5 | 112 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Phenol | n/a | = | 34 | % | EPA 625 | -88 | -88 | 5 | 112 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Phenol | n/a | = | 13 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Phenol | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 1 | | | X |
| 2009/10-1 | Lab | srgt LCS | 10/24/2009 | Organic | Phenol-d5 | n/a | = | 33.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup | 10/24/2009 | Organic | Phenol-d5 | n/a | = | 37.9 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup, rec | 10/24/2009 | Organic | Phenol-d5 | n/a | = | 38 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-1 | Lab | srgt LCS, rec | 10/24/2009 | Organic | Phenol-d5 | n/a | = | 34 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-1 | Lab | srgt method blank | 10/24/2009 | Organic | Phenol-d5 | n/a | = | 39 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt method blank, rec | 10/24/2009 | Organic | Phenol-d5 | n/a | = | 39 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-1 | ME-CC | srgt environ | 10/24/2009 | Organic | Phenol-d5 | n/a | = | 32.2 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | ME-CC | srgt environ, rec | 10/24/2009 | Organic | Phenol-d5 | n/a | = | 32 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-1 | ME-SCR | srgt environ | 10/24/2009 | Organic | Phenol-d5 | n/a | = | 39.4 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | ME-SCR | srgt environ, rec | 10/24/2009 | Organic | Phenol-d5 | n/a | = | 39 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-1 | ME-VR2 | srgt environ | 10/24/2009 | Organic | Phenol-d5 | n/a | = | 40.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | ME-VR2 | srgt environ, rec | 10/24/2009 | Organic | Phenol-d5 | n/a | = | 41 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-1 | MO-CAM | srgt environ | 10/24/2009 | Organic | Phenol-d5 | n/a | = | 32.9 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-CAM | srgt environ, rec | 10/24/2009 | Organic | Phenol-d5 | n/a | = | 33 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-1 | MO-MEI | srgt environ | 10/24/2009 | Organic | Phenol-d5 | n/a | = | 40.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-MEI | srgt environ, rec | 10/24/2009 | Organic | Phenol-d5 | n/a | = | 40 | % | EPA 625 | -88 | -88 | 2 | 70 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|------------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|---------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | MO-OJA | srgt environ | 10/24/2009 | Organic | Phenol-d5 | n/a | = | 42 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-OJA | srgt environ, rec | 10/24/2009 | Organic | Phenol-d5 | n/a | = | 42 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-1 | MO-VEN | srgt environ | 10/24/2009 | Organic | Phenol-d5 | n/a | = | 36.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-VEN | srgt environ, rec | 10/24/2009 | Organic | Phenol-d5 | n/a | = | 36 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-1 | Lab | srgt LCS | 10/24/2009 | Organic | p-Terphenyl-d14 | n/a | = | 26.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup | 10/24/2009 | Organic | p-Terphenyl-d14 | n/a | = | 27.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup, rec | 10/24/2009 | Organic | p-Terphenyl-d14 | n/a | = | 55 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-1 | Lab | srgt LCS, rec | 10/24/2009 | Organic | p-Terphenyl-d14 | n/a | = | 53 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-1 | Lab | srgt method blank | 10/24/2009 | Organic | p-Terphenyl-d14 | n/a | = | 29.4 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt method blank, rec | 10/24/2009 | Organic | p-Terphenyl-d14 | n/a | = | 59 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-1 | ME-CC | srgt environ | 10/24/2009 | Organic | p-Terphenyl-d14 | n/a | = | 27 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | ME-CC | srgt environ, rec | 10/24/2009 | Organic | p-Terphenyl-d14 | n/a | = | 54 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-1 | ME-SCR | srgt environ | 10/24/2009 | Organic | p-Terphenyl-d14 | n/a | = | 22.4 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | ME-SCR | srgt environ, rec | 10/24/2009 | Organic | p-Terphenyl-d14 | n/a | = | 45 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-1 | ME-VR2 | srgt environ | 10/24/2009 | Organic | p-Terphenyl-d14 | n/a | = | 30.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | ME-VR2 | srgt environ, rec | 10/24/2009 | Organic | p-Terphenyl-d14 | n/a | = | 60 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-1 | MO-CAM | srgt environ | 10/24/2009 | Organic | p-Terphenyl-d14 | n/a | = | 30.6 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-CAM | srgt environ, rec | 10/24/2009 | Organic | p-Terphenyl-d14 | n/a | = | 61 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-1 | MO-MEI | srgt environ | 10/24/2009 | Organic | p-Terphenyl-d14 | n/a | = | 35.4 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-MEI | srgt environ, rec | 10/24/2009 | Organic | p-Terphenyl-d14 | n/a | = | 71 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-1 | MO-OJA | srgt environ | 10/24/2009 | Organic | p-Terphenyl-d14 | n/a | = | 33.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-OJA | srgt environ, rec | 10/24/2009 | Organic | p-Terphenyl-d14 | n/a | = | 67 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-1 | MO-VEN | srgt environ | 10/24/2009 | Organic | p-Terphenyl-d14 | n/a | = | 30.9 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-1 | MO-VEN | srgt environ, rec | 10/24/2009 | Organic | p-Terphenyl-d14 | n/a | = | 62 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-1 | Lab | LCS | 10/24/2009 | Organic | Pyrene | n/a | = | 42.3 | µg/L | EPA 625 | 0.16 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/24/2009 | Organic | Pyrene | n/a | = | 43.4 | µg/L | EPA 625 | 0.16 | 5 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/24/2009 | Organic | Pyrene | n/a | = | 87 | % | EPA 625 | -88 | -88 | 52 | 115 | X |
| 2009/10-1 | Lab | LCS, rec | 10/24/2009 | Organic | Pyrene | n/a | = | 85 | % | EPA 625 | -88 | -88 | 52 | 115 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/24/2009 | Organic | Pyrene | n/a | = | 3 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/24/2009 | Organic | Pyrene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 5 | | | X |
| 2009/10-1 | Lab | srgt LCS | 10/22/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.102 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup | 10/22/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.109 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup, rec | 10/22/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 109 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-1 | Lab | srgt LCS, rec | 10/22/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 102 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-1 | Lab | srgt method blank | 10/22/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.104 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt method blank, rec | 10/22/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 104 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-1 | ME-CC | srgt environ | 10/22/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0812 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-1 | ME-CC | srgt environ, rec | 10/22/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 81 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-1 | ME-SCR | srgt environ | 10/23/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0966 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-1 | ME-SCR | srgt environ, rec | 10/23/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 97 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-1 | ME-VR2 | srgt environ | 10/23/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0874 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-1 | ME-VR2 | srgt environ, rec | 10/23/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 87 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-1 | MO-CAM | srgt environ | 10/23/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0701 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-1 | MO-CAM | srgt environ, rec | 10/23/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 70 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-1 | MO-MEI | srgt environ | 10/23/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.06 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-1 | MO-MEI | srgt environ, rec | 10/23/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 60 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-1 | MO-OJA | srgt environ | 10/23/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.107 | µg/L | EPA 608 | -88 | -88 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|------------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|-----------|-----|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | MO-OJA | srgt environ, rec | 10/23/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 107 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-1 | MO-VEN | srgt environ | 10/23/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0491 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-1 | MO-VEN | srgt environ, rec | 10/23/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 49 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-1 | Lab | srgt LCS | 10/20/2009 | Organic | Triphenylphosphate | n/a | = | 5.12 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup | 10/20/2009 | Organic | Triphenylphosphate | n/a | = | 5.13 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup, rec | 10/20/2009 | Organic | Triphenylphosphate | n/a | = | 103 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-1 | Lab | srgt LCS, rec | 10/20/2009 | Organic | Triphenylphosphate | n/a | = | 102 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-1 | Lab | srgt method blank | 10/20/2009 | Organic | Triphenylphosphate | n/a | = | 4.59 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt method blank, rec | 10/20/2009 | Organic | Triphenylphosphate | n/a | = | 92 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-1 | Lab | srgt LCS | 10/29/2009 | Organic | Triphenylphosphate | n/a | = | 0.549 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup | 10/29/2009 | Organic | Triphenylphosphate | n/a | = | 0.551 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup, rec | 10/29/2009 | Organic | Triphenylphosphate | n/a | = | 110 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-1 | Lab | srgt LCS, rec | 10/29/2009 | Organic | Triphenylphosphate | n/a | = | 110 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-1 | Lab | srgt method blank | 10/29/2009 | Organic | Triphenylphosphate | n/a | = | 1.01 | µg/L | EPA 525.2 | -88 | -88 | | | GN |
| 2009/10-1 | Lab | srgt method blank, rec | 10/29/2009 | Organic | Triphenylphosphate | n/a | = | 202 | % | EPA 525.2 | -88 | -88 | 71 | 150 | GN |
| 2009/10-1 | ME-CC | srgt environ | 10/20/2009 | Organic | Triphenylphosphate | n/a | = | 5.35 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | ME-CC | srgt environ, rec | 10/20/2009 | Organic | Triphenylphosphate | n/a | = | 86 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-1 | ME-CC | srgt environ | 10/29/2009 | Organic | Triphenylphosphate | n/a | = | 0.946 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | ME-CC | srgt environ, rec | 10/29/2009 | Organic | Triphenylphosphate | n/a | = | 95 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-1 | ME-SCR | srgt environ | 10/20/2009 | Organic | Triphenylphosphate | n/a | = | 5.77 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | ME-SCR | srgt environ, rec | 10/20/2009 | Organic | Triphenylphosphate | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-1 | ME-SCR | srgt environ | 10/29/2009 | Organic | Triphenylphosphate | n/a | = | 1.08 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | ME-SCR | srgt environ, rec | 10/29/2009 | Organic | Triphenylphosphate | n/a | = | 108 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-1 | ME-VR2 | srgt environ | 10/20/2009 | Organic | Triphenylphosphate | n/a | = | 5.13 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | ME-VR2 | srgt environ, rec | 10/20/2009 | Organic | Triphenylphosphate | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-1 | ME-VR2 | srgt environ | 10/29/2009 | Organic | Triphenylphosphate | n/a | = | 1.19 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | ME-VR2 | srgt environ, rec | 10/29/2009 | Organic | Triphenylphosphate | n/a | = | 119 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-1 | MO-CAM | srgt environ | 10/20/2009 | Organic | Triphenylphosphate | n/a | = | 8.6 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-CAM | srgt environ, rec | 10/20/2009 | Organic | Triphenylphosphate | n/a | = | 87 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-1 | MO-CAM | srgt environ | 10/29/2009 | Organic | Triphenylphosphate | n/a | = | 0.727 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-CAM | srgt environ, rec | 10/29/2009 | Organic | Triphenylphosphate | n/a | = | 73 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-1 | MO-MEI | srgt environ | 10/20/2009 | Organic | Triphenylphosphate | n/a | = | 7.3 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-MEI | srgt environ, rec | 10/20/2009 | Organic | Triphenylphosphate | n/a | = | 88 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-1 | MO-MEI | srgt environ | 10/29/2009 | Organic | Triphenylphosphate | n/a | = | 0.767 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-MEI | srgt environ, rec | 10/29/2009 | Organic | Triphenylphosphate | n/a | = | 77 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-1 | MO-OJA | srgt environ | 10/20/2009 | Organic | Triphenylphosphate | n/a | = | 5.3 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-OJA | srgt environ, rec | 10/20/2009 | Organic | Triphenylphosphate | n/a | = | 94 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-1 | MO-OJA | srgt environ | 10/29/2009 | Organic | Triphenylphosphate | n/a | = | 0.879 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-OJA | srgt environ, rec | 10/29/2009 | Organic | Triphenylphosphate | n/a | = | 88 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-1 | MO-VEN | srgt environ | 10/20/2009 | Organic | Triphenylphosphate | n/a | = | 5.79 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-VEN | srgt environ, rec | 10/20/2009 | Organic | Triphenylphosphate | n/a | = | 78 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-1 | MO-VEN | srgt environ | 10/29/2009 | Organic | Triphenylphosphate | n/a | = | 0.785 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-1 | MO-VEN | srgt environ, rec | 10/29/2009 | Organic | Triphenylphosphate | n/a | = | 78 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-1 | Lab | srgt LCS | 10/22/2009 | PCB | PCB 209 | n/a | = | 0.0814 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup | 10/22/2009 | PCB | PCB 209 | n/a | = | 0.0786 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt LCS dup, rec | 10/22/2009 | PCB | PCB 209 | n/a | = | 79 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-1 | Lab | srgt LCS, rec | 10/22/2009 | PCB | PCB 209 | n/a | = | 81 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|------------------------|---------------|----------------|------------------|----------|------|--------|-------|-----------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | srgt method blank | 10/22/2009 | PCB | PCB 209 | n/a | = | 0.0756 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-1 | Lab | srgt method blank, rec | 10/22/2009 | PCB | PCB 209 | n/a | = | 76 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-1 | ME-CC | srgt environ | 10/22/2009 | PCB | PCB 209 | n/a | = | 0.0455 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-1 | ME-CC | srgt environ, rec | 10/22/2009 | PCB | PCB 209 | n/a | = | 46 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-1 | ME-SCR | srgt environ | 10/23/2009 | PCB | PCB 209 | n/a | = | 0.0311 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-1 | ME-SCR | srgt environ, rec | 10/23/2009 | PCB | PCB 209 | n/a | = | 31 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-1 | ME-VR2 | srgt environ | 10/23/2009 | PCB | PCB 209 | n/a | = | 0.0571 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-1 | ME-VR2 | srgt environ, rec | 10/23/2009 | PCB | PCB 209 | n/a | = | 57 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-1 | MO-CAM | srgt environ | 10/23/2009 | PCB | PCB 209 | n/a | = | 0.0286 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-1 | MO-CAM | srgt environ, rec | 10/23/2009 | PCB | PCB 209 | n/a | = | 29 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-1 | MO-MEI | srgt environ | 10/23/2009 | PCB | PCB 209 | n/a | = | 0.0297 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-1 | MO-MEI | srgt environ, rec | 10/23/2009 | PCB | PCB 209 | n/a | = | 30 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-1 | MO-OJA | srgt environ | 10/23/2009 | PCB | PCB 209 | n/a | = | 0.0565 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-1 | MO-OJA | srgt environ, rec | 10/23/2009 | PCB | PCB 209 | n/a | = | 56 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-1 | MO-VEN | srgt environ | 10/23/2009 | PCB | PCB 209 | n/a | = | 0.0377 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-1 | MO-VEN | srgt environ, rec | 10/23/2009 | PCB | PCB 209 | n/a | = | 38 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | PCB | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | | | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | PCB | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | | | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | PCB | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | | | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | PCB | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | | | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | PCB | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | | | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | PCB | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | | | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | PCB | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/16/2009 | Pesticide | 2,4,5-T | n/a | = | 2.47 | µg/L | EPA 515.3 | 0.05 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/16/2009 | Pesticide | 2,4,5-T | n/a | = | 2.29 | µg/L | EPA 515.3 | 0.05 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/16/2009 | Pesticide | 2,4,5-T | n/a | = | 114 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/16/2009 | Pesticide | 2,4,5-T | n/a | = | 123 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/16/2009 | Pesticide | 2,4,5-T | n/a | = | 8 | % | EPA 515.3 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/16/2009 | Pesticide | 2,4,5-T | n/a | = | 1.83 | µg/L | EPA 515.3 | 0.05 | 0.2 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/16/2009 | Pesticide | 2,4,5-T | n/a | = | 91 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | method blank | 10/16/2009 | Pesticide | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/16/2009 | Pesticide | 2,4,5-TP | n/a | = | 2.36 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/16/2009 | Pesticide | 2,4,5-TP | n/a | = | 2.43 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/16/2009 | Pesticide | 2,4,5-TP | n/a | = | 122 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/16/2009 | Pesticide | 2,4,5-TP | n/a | = | 118 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/16/2009 | Pesticide | 2,4,5-TP | n/a | = | 3 | % | EPA 515.3 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/16/2009 | Pesticide | 2,4,5-TP | n/a | = | 2.09 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/16/2009 | Pesticide | 2,4,5-TP | n/a | = | 104 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | method blank | 10/16/2009 | Pesticide | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/16/2009 | Pesticide | 2,4-D | n/a | = | 2.82 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | DS,GB |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/16/2009 | Pesticide | 2,4-D | n/a | = | 2.88 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | DS,GB |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/16/2009 | Pesticide | 2,4-D | n/a | = | 144 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS,GB |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/16/2009 | Pesticide | 2,4-D | n/a | = | 141 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS,GB |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/16/2009 | Pesticide | 2,4-D | n/a | = | 2 | % | EPA 515.3 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/16/2009 | Pesticide | 2,4-D | n/a | = | 1.81 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/16/2009 | Pesticide | 2,4-D | n/a | = | 90 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | method blank | 10/16/2009 | Pesticide | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|--------------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | 000NONPJ | matrix spike | 10/16/2009 | Pesticide | 2,4-DB | n/a | = | 1.82 | µg/L | EPA 515.3 | 0.42 | 1.3 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/16/2009 | Pesticide | 2,4-DB | n/a | DNQ | 2 | µg/L | EPA 515.3 | 0.42 | 2 | | | DS,J |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/16/2009 | Pesticide | 2,4-DB | n/a | = | 100 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/16/2009 | Pesticide | 2,4-DB | n/a | = | 91 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/16/2009 | Pesticide | 2,4-DB | n/a | = | 9 | % | EPA 515.3 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/16/2009 | Pesticide | 2,4-DB | n/a | = | 2.57 | µg/L | EPA 515.3 | 0.42 | 2 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/16/2009 | Pesticide | 2,4-DB | n/a | = | 129 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | method blank | 10/16/2009 | Pesticide | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | | | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | | | NMDL |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | | | NMDL |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | | | NMDL |
| 2009/10-1 | 000NONPJ | matrix spike | 10/16/2009 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 2.68 | µg/L | EPA 515.3 | 0.08 | 1 | | | DS,GB |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/16/2009 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 2.41 | µg/L | EPA 515.3 | 0.08 | 1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/16/2009 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 121 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/16/2009 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 134 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS,GB |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/16/2009 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 10 | % | EPA 515.3 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/16/2009 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 2.08 | µg/L | EPA 515.3 | 0.08 | 1 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/16/2009 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 104 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | method blank | 10/16/2009 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | | | X |
| 2009/10-1 | Lab | LCS | 10/22/2009 | Pesticide | 4,4'-DDD | n/a | = | 0.119 | µg/L | EPA 608 | 0.003 | 0.05 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/22/2009 | Pesticide | 4,4'-DDD | n/a | = | 0.119 | µg/L | EPA 608 | 0.003 | 0.05 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/22/2009 | Pesticide | 4,4'-DDD | n/a | = | 119 | % | EPA 608 | -88 | -88 | 30 | 141 | X |
| 2009/10-1 | Lab | LCS, rec | 10/22/2009 | Pesticide | 4,4'-DDD | n/a | = | 119 | % | EPA 608 | -88 | -88 | 30 | 141 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/22/2009 | Pesticide | 4,4'-DDD | n/a | = | 0.2 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | | | X |
| 2009/10-1 | Lab | LCS | 10/22/2009 | Pesticide | 4,4'-DDE | n/a | = | 0.111 | µg/L | EPA 608 | 0.0025 | 0.05 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/22/2009 | Pesticide | 4,4'-DDE | n/a | = | 0.113 | µg/L | EPA 608 | 0.0025 | 0.05 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/22/2009 | Pesticide | 4,4'-DDE | n/a | = | 113 | % | EPA 608 | -88 | -88 | 30 | 145 | X |
| 2009/10-1 | Lab | LCS, rec | 10/22/2009 | Pesticide | 4,4'-DDE | n/a | = | 111 | % | EPA 608 | -88 | -88 | 30 | 145 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/22/2009 | Pesticide | 4,4'-DDE | n/a | = | 1 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | | | X |
| 2009/10-1 | Lab | LCS | 10/22/2009 | Pesticide | 4,4'-DDT | n/a | = | 0.144 | µg/L | EPA 608 | 0.0031 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/22/2009 | Pesticide | 4,4'-DDT | n/a | = | 0.145 | µg/L | EPA 608 | 0.0031 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/22/2009 | Pesticide | 4,4'-DDT | n/a | = | 145 | % | EPA 608 | -88 | -88 | 25 | 160 | X |
| 2009/10-1 | Lab | LCS, rec | 10/22/2009 | Pesticide | 4,4'-DDT | n/a | = | 144 | % | EPA 608 | -88 | -88 | 25 | 160 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/22/2009 | Pesticide | 4,4'-DDT | n/a | = | 0.9 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/16/2009 | Pesticide | Acifluorfen | n/a | = | 2.25 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/16/2009 | Pesticide | Acifluorfen | n/a | = | 2.5 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/16/2009 | Pesticide | Acifluorfen | n/a | = | 125 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/16/2009 | Pesticide | Acifluorfen | n/a | = | 112 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/16/2009 | Pesticide | Acifluorfen | n/a | = | 11 | % | EPA 515.3 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/16/2009 | Pesticide | Acifluorfen | n/a | = | 1.82 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/16/2009 | Pesticide | Acifluorfen | n/a | = | 91 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | method blank | 10/16/2009 | Pesticide | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Pesticide | Alachlor | n/a | = | 5.76 | µg/L | EPA 525.2 | 0.07 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/20/2009 | Pesticide | Alachlor | n/a | = | 5.44 | µg/L | EPA 525.2 | 0.07 | 0.1 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-----------------|----------|------|--------|-------|-----------|--------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | LCS dup, rec | 10/20/2009 | Pesticide | Alachlor | n/a | = | 109 | % | EPA 525.2 | -88 | -88 | 58 | 164 | X |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Pesticide | Alachlor | n/a | = | 115 | % | EPA 525.2 | -88 | -88 | 58 | 164 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/20/2009 | Pesticide | Alachlor | n/a | = | 6 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Pesticide | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS | 10/22/2009 | Pesticide | Aldrin | n/a | = | 0.1 | µg/L | EPA 608 | 0.0015 | 0.005 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/22/2009 | Pesticide | Aldrin | n/a | = | 0.103 | µg/L | EPA 608 | 0.0015 | 0.005 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/22/2009 | Pesticide | Aldrin | n/a | = | 103 | % | EPA 608 | -88 | -88 | 42 | 122 | X |
| 2009/10-1 | Lab | LCS, rec | 10/22/2009 | Pesticide | Aldrin | n/a | = | 100 | % | EPA 608 | -88 | -88 | 42 | 122 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/22/2009 | Pesticide | Aldrin | n/a | = | 3 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | | | X |
| 2009/10-1 | Lab | LCS | 10/22/2009 | Pesticide | alpha-BHC | n/a | = | 0.0994 | µg/L | EPA 608 | 0.0018 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/22/2009 | Pesticide | alpha-BHC | n/a | = | 0.103 | µg/L | EPA 608 | 0.0018 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/22/2009 | Pesticide | alpha-BHC | n/a | = | 103 | % | EPA 608 | -88 | -88 | 37 | 134 | X |
| 2009/10-1 | Lab | LCS, rec | 10/22/2009 | Pesticide | alpha-BHC | n/a | = | 99 | % | EPA 608 | -88 | -88 | 37 | 134 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/22/2009 | Pesticide | alpha-BHC | n/a | = | 4 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | | | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | alpha-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | | | NMDL |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Pesticide | Atrazine | n/a | = | 5.66 | µg/L | EPA 525.2 | 0.047 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/20/2009 | Pesticide | Atrazine | n/a | = | 5.82 | µg/L | EPA 525.2 | 0.047 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/20/2009 | Pesticide | Atrazine | n/a | = | 116 | % | EPA 525.2 | -88 | -88 | 68 | 133 | X |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Pesticide | Atrazine | n/a | = | 113 | % | EPA 525.2 | -88 | -88 | 68 | 133 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/20/2009 | Pesticide | Atrazine | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Pesticide | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Azinphos methyl | n/a | = | 0.695 | µg/L | EPA 525.2 | 0.0055 | 0.01 | | | EUM |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Azinphos methyl | n/a | = | 0.712 | µg/L | EPA 525.2 | 0.0055 | 0.01 | | | EUM |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Azinphos methyl | n/a | = | 1420 | % | EPA 525.2 | -88 | -88 | 53 | 303 | EUM |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Azinphos methyl | n/a | = | 1390 | % | EPA 525.2 | -88 | -88 | 53 | 303 | EUM |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Azinphos methyl | n/a | = | 2 | % | EPA 525.2 | -88 | -88 | 0 | 25 | EUM |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Azinphos methyl | n/a | < | 0.0055 | µg/L | EPA 525.2 | 0.0055 | 0.01 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/16/2009 | Pesticide | Bentazon | n/a | = | 2.28 | µg/L | EPA 515.3 | 0.23 | 2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/16/2009 | Pesticide | Bentazon | n/a | = | 2.1 | µg/L | EPA 515.3 | 0.23 | 2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/16/2009 | Pesticide | Bentazon | n/a | = | 105 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/16/2009 | Pesticide | Bentazon | n/a | = | 114 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/16/2009 | Pesticide | Bentazon | n/a | = | 8 | % | EPA 515.3 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/16/2009 | Pesticide | Bentazon | n/a | = | 2.62 | µg/L | EPA 515.3 | 0.23 | 2 | | | EU |
| 2009/10-1 | Lab | LCS, rec | 10/16/2009 | Pesticide | Bentazon | n/a | = | 131 | % | EPA 515.3 | -88 | -88 | 70 | 130 | EUM |
| 2009/10-1 | Lab | method blank | 10/16/2009 | Pesticide | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | | | X |
| 2009/10-1 | Lab | LCS | 10/22/2009 | Pesticide | beta-BHC | n/a | = | 0.109 | µg/L | EPA 608 | 0.0031 | 0.005 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/22/2009 | Pesticide | beta-BHC | n/a | = | 0.111 | µg/L | EPA 608 | 0.0031 | 0.005 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/22/2009 | Pesticide | beta-BHC | n/a | = | 111 | % | EPA 608 | -88 | -88 | 14 | 147 | X |
| 2009/10-1 | Lab | LCS, rec | 10/22/2009 | Pesticide | beta-BHC | n/a | = | 109 | % | EPA 608 | -88 | -88 | 14 | 147 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/22/2009 | Pesticide | beta-BHC | n/a | = | 1 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Bolstar | n/a | = | 0.0546 | µg/L | EPA 525.2 | 0.0046 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Bolstar | n/a | = | 0.0546 | µg/L | EPA 525.2 | 0.0046 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Bolstar | n/a | = | 109 | % | EPA 525.2 | -88 | -88 | 70 | 214 | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Bolstar | n/a | = | 109 | % | EPA 525.2 | -88 | -88 | 70 | 214 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|------------------|---------------|----------------|-----------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|----------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Bolstar | n/a | = | 0.1 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Bolstar | n/a | < | 0.0046 | µg/L | EPA 525.2 | 0.0046 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Pesticide | Bromacil | n/a | = | 5.87 | µg/L | EPA 525.2 | 0.9 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/20/2009 | Pesticide | Bromacil | n/a | = | 6.2 | µg/L | EPA 525.2 | 0.9 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/20/2009 | Pesticide | Bromacil | n/a | = | 124 | % | EPA 525.2 | -88 | -88 | 43 | 177 | X |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Pesticide | Bromacil | n/a | = | 117 | % | EPA 525.2 | -88 | -88 | 43 | 177 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/20/2009 | Pesticide | Bromacil | n/a | = | 5 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Pesticide | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | | | X |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Pesticide | Butachlor | n/a | = | 5.74 | µg/L | EPA 525.2 | 0.1 | 0.2 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/20/2009 | Pesticide | Butachlor | n/a | = | 5.33 | µg/L | EPA 525.2 | 0.1 | 0.2 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/20/2009 | Pesticide | Butachlor | n/a | = | 107 | % | EPA 525.2 | -88 | -88 | 55 | 178 | X |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Pesticide | Butachlor | n/a | = | 115 | % | EPA 525.2 | -88 | -88 | 55 | 178 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/20/2009 | Pesticide | Butachlor | n/a | = | 7 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Pesticide | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | | | X |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Pesticide | Captan | n/a | DNQ | 0.52 | µg/L | EPA 525.2 | 0 | 1 | | | J,EUM,IL |
| 2009/10-1 | Lab | LCS dup | 10/20/2009 | Pesticide | Captan | n/a | = | 2.15 | µg/L | EPA 525.2 | 0.86 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/20/2009 | Pesticide | Captan | n/a | = | 43 | % | EPA 525.2 | -88 | -88 | 20 | 215 | X |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Pesticide | Captan | n/a | = | 10 | % | EPA 525.2 | -88 | -88 | 20 | 215 | J,EUM,IL |
| 2009/10-1 | Lab | LCS, RPD | 10/20/2009 | Pesticide | Captan | n/a | = | 125 | % | EPA 525.2 | -88 | -88 | 0 | 30 | IL |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Pesticide | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | | | X |
| 2009/10-1 | Lab | method blank | 10/16/2009 | Pesticide | Chloramben | n/a | < | 1 | µg/L | EPA 515.3 | -88 | 1 | | | NMDL |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Pesticide | Chloropropham | n/a | = | 5.92 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/20/2009 | Pesticide | Chloropropham | n/a | = | 5.88 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/20/2009 | Pesticide | Chloropropham | n/a | = | 118 | % | EPA 525.2 | -88 | -88 | 74 | 133 | X |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Pesticide | Chloropropham | n/a | = | 118 | % | EPA 525.2 | -88 | -88 | 74 | 133 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/20/2009 | Pesticide | Chloropropham | n/a | = | 0.7 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Pesticide | Chloropropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Chlorpyrifos | n/a | = | 0.0743 | µg/L | EPA 525.2 | 0.0069 | 0.01 | | | EUM |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Chlorpyrifos | n/a | = | 0.0796 | µg/L | EPA 525.2 | 0.0069 | 0.01 | | | EUM |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Chlorpyrifos | n/a | = | 159 | % | EPA 525.2 | -88 | -88 | 70 | 131 | EUM |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Chlorpyrifos | n/a | = | 149 | % | EPA 525.2 | -88 | -88 | 70 | 131 | EUM |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Chlorpyrifos | n/a | = | 7 | % | EPA 525.2 | -88 | -88 | 0 | 25 | EUM |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Chlorpyrifos | n/a | < | 0.0069 | µg/L | EPA 525.2 | 0.0069 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Coumaphos | n/a | = | 0.196 | µg/L | EPA 525.2 | 0.0051 | 0.01 | | | EUM |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Coumaphos | n/a | = | 0.215 | µg/L | EPA 525.2 | 0.0051 | 0.01 | | | EUM |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Coumaphos | n/a | = | 429 | % | EPA 525.2 | -88 | -88 | 70 | 271 | EUM |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Coumaphos | n/a | = | 393 | % | EPA 525.2 | -88 | -88 | 70 | 271 | EUM |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Coumaphos | n/a | = | 9 | % | EPA 525.2 | -88 | -88 | 0 | 25 | EUM |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Coumaphos | n/a | < | 0.0051 | µg/L | EPA 525.2 | 0.0051 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Pesticide | Cyanazine | n/a | = | 4.47 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/20/2009 | Pesticide | Cyanazine | n/a | = | 4.97 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/20/2009 | Pesticide | Cyanazine | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 69 | 131 | X |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Pesticide | Cyanazine | n/a | = | 89 | % | EPA 525.2 | -88 | -88 | 69 | 131 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/20/2009 | Pesticide | Cyanazine | n/a | = | 11 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Pesticide | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/16/2009 | Pesticide | Dalapon | n/a | = | 1.52 | µg/L | EPA 515.3 | 0.04 | 0.4 | | | DS |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|----------------|----------|------|--------|-------|-----------|--------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/16/2009 | Pesticide | Dalapon | n/a | = | 1.51 | µg/L | EPA 515.3 | 0.04 | 0.4 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/16/2009 | Pesticide | Dalapon | n/a | = | 76 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/16/2009 | Pesticide | Dalapon | n/a | = | 76 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/16/2009 | Pesticide | Dalapon | n/a | = | 0.5 | % | EPA 515.3 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/16/2009 | Pesticide | Dalapon | n/a | = | 1.6 | µg/L | EPA 515.3 | 0.04 | 0.4 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/16/2009 | Pesticide | Dalapon | n/a | = | 80 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | method blank | 10/16/2009 | Pesticide | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/16/2009 | Pesticide | DCPA (Dacthal) | n/a | = | 4.71 | µg/L | EPA 515.3 | 0.02 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/16/2009 | Pesticide | DCPA (Dacthal) | n/a | = | 5.07 | µg/L | EPA 515.3 | 0.02 | 0.1 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/16/2009 | Pesticide | DCPA (Dacthal) | n/a | = | 103 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/16/2009 | Pesticide | DCPA (Dacthal) | n/a | = | 85 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/16/2009 | Pesticide | DCPA (Dacthal) | n/a | = | 7 | % | EPA 515.3 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/16/2009 | Pesticide | DCPA (Dacthal) | n/a | = | 1.64 | µg/L | EPA 515.3 | 0.02 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/16/2009 | Pesticide | DCPA (Dacthal) | n/a | = | 82 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | method blank | 10/16/2009 | Pesticide | DCPA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS | 10/22/2009 | Pesticide | delta-BHC | n/a | = | 0.113 | µg/L | EPA 608 | 0.0025 | 0.005 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/22/2009 | Pesticide | delta-BHC | n/a | = | 0.114 | µg/L | EPA 608 | 0.0025 | 0.005 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/22/2009 | Pesticide | delta-BHC | n/a | = | 114 | % | EPA 608 | -88 | -88 | 19 | 140 | X |
| 2009/10-1 | Lab | LCS, rec | 10/22/2009 | Pesticide | delta-BHC | n/a | = | 113 | % | EPA 608 | -88 | -88 | 19 | 140 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/22/2009 | Pesticide | delta-BHC | n/a | = | 1 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Demeton-O | n/a | = | 0.0721 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Demeton-O | n/a | = | 0.0775 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Demeton-O | n/a | = | 155 | % | EPA 525.2 | -88 | -88 | 37 | 295 | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Demeton-O | n/a | = | 144 | % | EPA 525.2 | -88 | -88 | 37 | 295 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Demeton-O | n/a | = | 7 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Demeton-O | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Demeton-S | n/a | = | 0.0475 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Demeton-S | n/a | = | 0.0504 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Demeton-S | n/a | = | 101 | % | EPA 525.2 | -88 | -88 | 70 | 159 | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Demeton-S | n/a | = | 95 | % | EPA 525.2 | -88 | -88 | 70 | 159 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Demeton-S | n/a | = | 6 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Demeton-S | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Diazinon | n/a | = | 0.0748 | µg/L | EPA 525.2 | 0.0052 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Diazinon | n/a | = | 0.0813 | µg/L | EPA 525.2 | 0.0052 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Diazinon | n/a | = | 163 | % | EPA 525.2 | -88 | -88 | 70 | 163 | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Diazinon | n/a | = | 150 | % | EPA 525.2 | -88 | -88 | 70 | 163 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Diazinon | n/a | = | 8 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Diazinon | n/a | < | 0.0052 | µg/L | EPA 525.2 | 0.0052 | 0.01 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/16/2009 | Pesticide | Dicamba | n/a | = | 1.72 | µg/L | EPA 515.3 | 0.08 | 0.6 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/16/2009 | Pesticide | Dicamba | n/a | = | 1.91 | µg/L | EPA 515.3 | 0.08 | 0.6 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/16/2009 | Pesticide | Dicamba | n/a | = | 96 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/16/2009 | Pesticide | Dicamba | n/a | = | 86 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/16/2009 | Pesticide | Dicamba | n/a | = | 10 | % | EPA 515.3 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/16/2009 | Pesticide | Dicamba | n/a | = | 2.1 | µg/L | EPA 515.3 | 0.08 | 0.6 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/16/2009 | Pesticide | Dicamba | n/a | = | 105 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | method blank | 10/16/2009 | Pesticide | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|--------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | 000NONPJ | matrix spike | 10/16/2009 | Pesticide | Dichlorprop | n/a | = | 2.33 | µg/L | EPA 515.3 | 0.06 | 0.3 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/16/2009 | Pesticide | Dichlorprop | n/a | = | 2.49 | µg/L | EPA 515.3 | 0.06 | 0.3 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/16/2009 | Pesticide | Dichlorprop | n/a | = | 125 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/16/2009 | Pesticide | Dichlorprop | n/a | = | 116 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/16/2009 | Pesticide | Dichlorprop | n/a | = | 7 | % | EPA 515.3 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/16/2009 | Pesticide | Dichlorprop | n/a | = | 2.42 | µg/L | EPA 515.3 | 0.06 | 0.3 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/16/2009 | Pesticide | Dichlorprop | n/a | = | 121 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | method blank | 10/16/2009 | Pesticide | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Dichlorvos | n/a | = | 0.0548 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Dichlorvos | n/a | = | 0.0692 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Dichlorvos | n/a | = | 138 | % | EPA 525.2 | -88 | -88 | 70 | 161 | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Dichlorvos | n/a | = | 110 | % | EPA 525.2 | -88 | -88 | 70 | 161 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Dichlorvos | n/a | = | 23 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Dichlorvos | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS | 10/22/2009 | Pesticide | Dieldrin | n/a | = | 0.106 | µg/L | EPA 608 | 0.0021 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/22/2009 | Pesticide | Dieldrin | n/a | = | 0.108 | µg/L | EPA 608 | 0.0021 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/22/2009 | Pesticide | Dieldrin | n/a | = | 108 | % | EPA 608 | -88 | -88 | 36 | 146 | X |
| 2009/10-1 | Lab | LCS, rec | 10/22/2009 | Pesticide | Dieldrin | n/a | = | 106 | % | EPA 608 | -88 | -88 | 36 | 146 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/22/2009 | Pesticide | Dieldrin | n/a | = | 2 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Dimethoate | n/a | = | 0.0608 | µg/L | EPA 525.2 | 0.0062 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Dimethoate | n/a | = | 0.0737 | µg/L | EPA 525.2 | 0.0062 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Dimethoate | n/a | = | 147 | % | EPA 525.2 | -88 | -88 | 70 | 352 | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Dimethoate | n/a | = | 122 | % | EPA 525.2 | -88 | -88 | 70 | 352 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Dimethoate | n/a | = | 19 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Dimethoate | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.01 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/16/2009 | Pesticide | Dinoseb | n/a | = | 1.9 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/16/2009 | Pesticide | Dinoseb | n/a | = | 1.92 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/16/2009 | Pesticide | Dinoseb | n/a | = | 96 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/16/2009 | Pesticide | Dinoseb | n/a | = | 95 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/16/2009 | Pesticide | Dinoseb | n/a | = | 0.6 | % | EPA 515.3 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/16/2009 | Pesticide | Dinoseb | n/a | = | 1.86 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/16/2009 | Pesticide | Dinoseb | n/a | = | 93 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | method blank | 10/16/2009 | Pesticide | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Pesticide | Diphenamid | n/a | = | 5.11 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/20/2009 | Pesticide | Diphenamid | n/a | = | 5.29 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/20/2009 | Pesticide | Diphenamid | n/a | = | 106 | % | EPA 525.2 | -88 | -88 | 82 | 144 | X |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Pesticide | Diphenamid | n/a | = | 102 | % | EPA 525.2 | -88 | -88 | 82 | 144 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/20/2009 | Pesticide | Diphenamid | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Pesticide | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Disulfoton | n/a | = | 0.0871 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Disulfoton | n/a | = | 0.0891 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Disulfoton | n/a | = | 178 | % | EPA 525.2 | -88 | -88 | 56 | 269 | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Disulfoton | n/a | = | 174 | % | EPA 525.2 | -88 | -88 | 56 | 269 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Disulfoton | n/a | = | 2 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Disulfoton | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS | 10/22/2009 | Pesticide | Endosulfan I | n/a | = | 0.105 | µg/L | EPA 608 | 0.0017 | 0.02 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|------------------|---------------|----------------|--------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | LCS dup | 10/22/2009 | Pesticide | Endosulfan I | n/a | = | 0.107 | µg/L | EPA 608 | 0.0017 | 0.02 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/22/2009 | Pesticide | Endosulfan I | n/a | = | 107 | % | EPA 608 | -88 | -88 | 45 | 153 | X |
| 2009/10-1 | Lab | LCS, rec | 10/22/2009 | Pesticide | Endosulfan I | n/a | = | 105 | % | EPA 608 | -88 | -88 | 45 | 153 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/22/2009 | Pesticide | Endosulfan I | n/a | = | 2 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | | | X |
| 2009/10-1 | Lab | LCS | 10/22/2009 | Pesticide | Endosulfan II | n/a | = | 0.109 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/22/2009 | Pesticide | Endosulfan II | n/a | = | 0.11 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/22/2009 | Pesticide | Endosulfan II | n/a | = | 110 | % | EPA 608 | -88 | -88 | 2 | 202 | X |
| 2009/10-1 | Lab | LCS, rec | 10/22/2009 | Pesticide | Endosulfan II | n/a | = | 109 | % | EPA 608 | -88 | -88 | 2 | 202 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/22/2009 | Pesticide | Endosulfan II | n/a | = | 0.6 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS | 10/22/2009 | Pesticide | Endosulfan sulfate | n/a | = | 0.126 | µg/L | EPA 608 | 0.008 | 0.05 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/22/2009 | Pesticide | Endosulfan sulfate | n/a | = | 0.126 | µg/L | EPA 608 | 0.008 | 0.05 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/22/2009 | Pesticide | Endosulfan sulfate | n/a | = | 126 | % | EPA 608 | -88 | -88 | 26 | 144 | X |
| 2009/10-1 | Lab | LCS, rec | 10/22/2009 | Pesticide | Endosulfan sulfate | n/a | = | 126 | % | EPA 608 | -88 | -88 | 26 | 144 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/22/2009 | Pesticide | Endosulfan sulfate | n/a | = | 0.02 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | | | X |
| 2009/10-1 | Lab | LCS | 10/22/2009 | Pesticide | Endrin | n/a | = | 0.124 | µg/L | EPA 608 | 0.0028 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/22/2009 | Pesticide | Endrin | n/a | = | 0.126 | µg/L | EPA 608 | 0.0028 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/22/2009 | Pesticide | Endrin | n/a | = | 126 | % | EPA 608 | -88 | -88 | 30 | 147 | X |
| 2009/10-1 | Lab | LCS, rec | 10/22/2009 | Pesticide | Endrin | n/a | = | 124 | % | EPA 608 | -88 | -88 | 30 | 147 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/22/2009 | Pesticide | Endrin | n/a | = | 2 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS | 10/22/2009 | Pesticide | Endrin aldehyde | n/a | = | 0.135 | µg/L | EPA 608 | 0.003 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/22/2009 | Pesticide | Endrin aldehyde | n/a | = | 0.133 | µg/L | EPA 608 | 0.003 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/22/2009 | Pesticide | Endrin aldehyde | n/a | = | 133 | % | EPA 608 | -88 | -88 | 41 | 203 | X |
| 2009/10-1 | Lab | LCS, rec | 10/22/2009 | Pesticide | Endrin aldehyde | n/a | = | 135 | % | EPA 608 | -88 | -88 | 41 | 203 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/22/2009 | Pesticide | Endrin aldehyde | n/a | = | 1 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Pesticide | EPTC | n/a | = | 5.02 | µg/L | EPA 525.2 | 0.23 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/20/2009 | Pesticide | EPTC | n/a | = | 4.97 | µg/L | EPA 525.2 | 0.23 | 1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/20/2009 | Pesticide | EPTC | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 75 | 110 | X |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Pesticide | EPTC | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 75 | 110 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/20/2009 | Pesticide | EPTC | n/a | = | 1 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Pesticide | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Ethoprop | n/a | = | 0.0839 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | EUM |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Ethoprop | n/a | = | 0.0908 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | EUM |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Ethoprop | n/a | = | 182 | % | EPA 525.2 | -88 | -88 | 70 | 155 | EUM |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Ethoprop | n/a | = | 168 | % | EPA 525.2 | -88 | -88 | 70 | 155 | EUM |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Ethoprop | n/a | = | 8 | % | EPA 525.2 | -88 | -88 | 0 | 25 | EUM |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Ethoprop | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Ethyl parathion | n/a | = | 0.0711 | µg/L | EPA 525.2 | 0.0001 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Ethyl parathion | n/a | = | 0.076 | µg/L | EPA 525.2 | 0.0001 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Ethyl parathion | n/a | = | 152 | % | EPA 525.2 | -88 | -88 | 70 | 242 | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Ethyl parathion | n/a | = | 142 | % | EPA 525.2 | -88 | -88 | 70 | 242 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Ethyl parathion | n/a | = | 7 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Ethyl parathion | n/a | < | 0.0001 | µg/L | EPA 525.2 | 0.0001 | 0.01 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|---------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Fensulfothion | n/a | = | 0.0771 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Fensulfothion | n/a | = | 0.0827 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Fensulfothion | n/a | = | 165 | % | EPA 525.2 | -88 | -88 | 70 | 169 | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Fensulfothion | n/a | = | 154 | % | EPA 525.2 | -88 | -88 | 70 | 169 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Fensulfothion | n/a | = | 7 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Fensulfothion | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Fenthion | n/a | = | 0.0781 | µg/L | EPA 525.2 | 0.0038 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Fenthion | n/a | = | 0.0873 | µg/L | EPA 525.2 | 0.0038 | 0.01 | | | EUM |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Fenthion | n/a | = | 175 | % | EPA 525.2 | -88 | -88 | 70 | 163 | EUM |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Fenthion | n/a | = | 156 | % | EPA 525.2 | -88 | -88 | 70 | 163 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Fenthion | n/a | = | 11 | % | EPA 525.2 | -88 | -88 | 0 | 25 | EUM |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Fenthion | n/a | < | 0.0038 | µg/L | EPA 525.2 | 0.0038 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS | 10/22/2009 | Pesticide | gamma-BHC (Lindane) | n/a | = | 0.103 | µg/L | EPA 608 | 0.0021 | 0.02 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/22/2009 | Pesticide | gamma-BHC (Lindane) | n/a | = | 0.107 | µg/L | EPA 608 | 0.0021 | 0.02 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/22/2009 | Pesticide | gamma-BHC (Lindane) | n/a | = | 107 | % | EPA 608 | -88 | -88 | 32 | 127 | X |
| 2009/10-1 | Lab | LCS, rec | 10/22/2009 | Pesticide | gamma-BHC (Lindane) | n/a | = | 103 | % | EPA 608 | -88 | -88 | 32 | 127 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/22/2009 | Pesticide | gamma-BHC (Lindane) | n/a | = | 3 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | | | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | gamma-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | | | NMDL |
| 2009/10-1 | 000NONPJ | matrix spike | 10/16/2009 | Pesticide | Glyphosate | n/a | = | 34.9 | µg/L | EPA 547m | 1.8 | 5 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike | 10/16/2009 | Pesticide | Glyphosate | n/a | = | 30.2 | µg/L | EPA 547m | 1.8 | 5 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/16/2009 | Pesticide | Glyphosate | n/a | = | 30 | µg/L | EPA 547m | 1.8 | 5 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/16/2009 | Pesticide | Glyphosate | n/a | = | 36.2 | µg/L | EPA 547m | 1.8 | 5 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/16/2009 | Pesticide | Glyphosate | n/a | = | 88 | % | EPA 547m | -88 | -88 | 68 | 134 | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/16/2009 | Pesticide | Glyphosate | n/a | = | 90 | % | EPA 547m | -88 | -88 | 68 | 134 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/16/2009 | Pesticide | Glyphosate | n/a | = | 85 | % | EPA 547m | -88 | -88 | 68 | 134 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/16/2009 | Pesticide | Glyphosate | n/a | = | 88 | % | EPA 547m | -88 | -88 | 68 | 134 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/16/2009 | Pesticide | Glyphosate | n/a | = | 4 | % | EPA 547m | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/16/2009 | Pesticide | Glyphosate | n/a | = | 0.4 | % | EPA 547m | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/16/2009 | Pesticide | Glyphosate | n/a | = | 26.2 | µg/L | EPA 547m | 1.8 | 5 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/16/2009 | Pesticide | Glyphosate | n/a | = | 105 | % | EPA 547m | -88 | -88 | 71 | 137 | X |
| 2009/10-1 | Lab | method blank | 10/16/2009 | Pesticide | Glyphosate | n/a | < | 1.8 | µg/L | EPA 547m | 1.8 | 5 | | | X |
| 2009/10-1 | Lab | LCS | 10/22/2009 | Pesticide | Heptachlor | n/a | = | 0.102 | µg/L | EPA 608 | 0.0017 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/22/2009 | Pesticide | Heptachlor | n/a | = | 0.106 | µg/L | EPA 608 | 0.0017 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/22/2009 | Pesticide | Heptachlor | n/a | = | 106 | % | EPA 608 | -88 | -88 | 34 | 111 | X |
| 2009/10-1 | Lab | LCS, rec | 10/22/2009 | Pesticide | Heptachlor | n/a | = | 102 | % | EPA 608 | -88 | -88 | 34 | 111 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/22/2009 | Pesticide | Heptachlor | n/a | = | 4 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS | 10/22/2009 | Pesticide | Heptachlor epoxide | n/a | = | 0.103 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/22/2009 | Pesticide | Heptachlor epoxide | n/a | = | 0.106 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/22/2009 | Pesticide | Heptachlor epoxide | n/a | = | 106 | % | EPA 608 | -88 | -88 | 37 | 142 | X |
| 2009/10-1 | Lab | LCS, rec | 10/22/2009 | Pesticide | Heptachlor epoxide | n/a | = | 103 | % | EPA 608 | -88 | -88 | 37 | 142 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/22/2009 | Pesticide | Heptachlor epoxide | n/a | = | 2 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Malathion | n/a | = | 0.114 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | EUM |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Malathion | n/a | = | 0.126 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | EUM |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Malathion | n/a | = | 253 | % | EPA 525.2 | -88 | -88 | 70 | 208 | EUM |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|------------------|---------------|----------------|------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Malathion | n/a | = | 229 | % | EPA 525.2 | -88 | -88 | 70 | 208 | EUM |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Malathion | n/a | = | 10 | % | EPA 525.2 | -88 | -88 | 0 | 25 | EUM |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Malathion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Merphos | n/a | = | 0.0745 | µg/L | EPA 525.2 | 0.0058 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Merphos | n/a | = | 0.0686 | µg/L | EPA 525.2 | 0.0058 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Merphos | n/a | = | 137 | % | EPA 525.2 | -88 | -88 | 70 | 161 | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Merphos | n/a | = | 149 | % | EPA 525.2 | -88 | -88 | 70 | 161 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Merphos | n/a | = | 8 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Merphos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.01 | | | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Methyl parathion | n/a | = | 0.105 | µg/L | EPA 525.2 | 0.0063 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Methyl parathion | n/a | = | 0.111 | µg/L | EPA 525.2 | 0.0063 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Methyl parathion | n/a | = | 222 | % | EPA 525.2 | -88 | -88 | 70 | 229 | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Methyl parathion | n/a | = | 210 | % | EPA 525.2 | -88 | -88 | 70 | 229 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Methyl parathion | n/a | = | 5 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Methyl parathion | n/a | < | 0.0063 | µg/L | EPA 525.2 | 0.0063 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Pesticide | Metolachlor | n/a | = | 5.9 | µg/L | EPA 525.2 | 0.056 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/20/2009 | Pesticide | Metolachlor | n/a | = | 5.67 | µg/L | EPA 525.2 | 0.056 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/20/2009 | Pesticide | Metolachlor | n/a | = | 113 | % | EPA 525.2 | -88 | -88 | 55 | 170 | X |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Pesticide | Metolachlor | n/a | = | 118 | % | EPA 525.2 | -88 | -88 | 55 | 170 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/20/2009 | Pesticide | Metolachlor | n/a | = | 4 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Pesticide | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Pesticide | Metribuzin | n/a | = | 5.32 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/20/2009 | Pesticide | Metribuzin | n/a | = | 5.68 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/20/2009 | Pesticide | Metribuzin | n/a | = | 114 | % | EPA 525.2 | -88 | -88 | 44 | 149 | X |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Pesticide | Metribuzin | n/a | = | 106 | % | EPA 525.2 | -88 | -88 | 44 | 149 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/20/2009 | Pesticide | Metribuzin | n/a | = | 7 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Pesticide | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Mevinphos | n/a | = | 0.0759 | µg/L | EPA 525.2 | 0.0042 | 0.01 | | | EUM |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Mevinphos | n/a | = | 0.0835 | µg/L | EPA 525.2 | 0.0042 | 0.01 | | | EUM |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Mevinphos | n/a | = | 167 | % | EPA 525.2 | -88 | -88 | 70 | 148 | EUM |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Mevinphos | n/a | = | 152 | % | EPA 525.2 | -88 | -88 | 70 | 148 | EUM |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Mevinphos | n/a | = | 10 | % | EPA 525.2 | -88 | -88 | 0 | 25 | EUM |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Mevinphos | n/a | < | 0.0042 | µg/L | EPA 525.2 | 0.0042 | 0.01 | | | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | | | NMDL |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Pesticide | Molinate | n/a | = | 5.21 | µg/L | EPA 525.2 | 0.051 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/20/2009 | Pesticide | Molinate | n/a | = | 5.19 | µg/L | EPA 525.2 | 0.051 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/20/2009 | Pesticide | Molinate | n/a | = | 104 | % | EPA 525.2 | -88 | -88 | 76 | 116 | X |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Pesticide | Molinate | n/a | = | 104 | % | EPA 525.2 | -88 | -88 | 76 | 116 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/20/2009 | Pesticide | Molinate | n/a | = | 0.4 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Pesticide | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Naled | n/a | = | 0.147 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Naled | n/a | = | 0.151 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | EUM |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Naled | n/a | = | 302 | % | EPA 525.2 | -88 | -88 | 70 | 299 | EUM |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Naled | n/a | = | 294 | % | EPA 525.2 | -88 | -88 | 70 | 299 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Naled | n/a | = | 2 | % | EPA 525.2 | -88 | -88 | 0 | 25 | EUM |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Naled | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | 000NONPJ | matrix spike | 10/16/2009 | Pesticide | Pentachlorophenol | n/a | = | 2.33 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/16/2009 | Pesticide | Pentachlorophenol | n/a | = | 2.32 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/16/2009 | Pesticide | Pentachlorophenol | n/a | = | 116 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/16/2009 | Pesticide | Pentachlorophenol | n/a | = | 117 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/16/2009 | Pesticide | Pentachlorophenol | n/a | = | 0.3 | % | EPA 515.3 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/16/2009 | Pesticide | Pentachlorophenol | n/a | = | 2.29 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/16/2009 | Pesticide | Pentachlorophenol | n/a | = | 115 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | method blank | 10/16/2009 | Pesticide | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Phorate | n/a | = | 0.0735 | µg/L | EPA 525.2 | 0.003 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Phorate | n/a | = | 0.0776 | µg/L | EPA 525.2 | 0.003 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Phorate | n/a | = | 155 | % | EPA 525.2 | -88 | -88 | 70 | 243 | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Phorate | n/a | = | 147 | % | EPA 525.2 | -88 | -88 | 70 | 243 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Phorate | n/a | = | 5 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Phorate | n/a | < | 0.003 | µg/L | EPA 525.2 | 0.003 | 0.01 | | | X |
| 2009/10-1 | 000NONPJ | matrix spike | 10/16/2009 | Pesticide | Picloram | n/a | = | 2.16 | µg/L | EPA 515.3 | 0.34 | 0.6 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup | 10/16/2009 | Pesticide | Picloram | n/a | = | 2.47 | µg/L | EPA 515.3 | 0.34 | 0.6 | | | DS |
| 2009/10-1 | 000NONPJ | matrix spike dup, rec | 10/16/2009 | Pesticide | Picloram | n/a | = | 123 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, rec | 10/16/2009 | Pesticide | Picloram | n/a | = | 108 | % | EPA 515.3 | -88 | -88 | 70 | 130 | DS |
| 2009/10-1 | 000NONPJ | matrix spike, RPD | 10/16/2009 | Pesticide | Picloram | n/a | = | 13 | % | EPA 515.3 | -88 | -88 | 0 | 30 | DS |
| 2009/10-1 | Lab | LCS | 10/16/2009 | Pesticide | Picloram | n/a | = | 1.68 | µg/L | EPA 515.3 | 0.34 | 0.6 | | | X |
| 2009/10-1 | Lab | LCS, rec | 10/16/2009 | Pesticide | Picloram | n/a | = | 84 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-1 | Lab | method blank | 10/16/2009 | Pesticide | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | | | X |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Pesticide | Prometon | n/a | = | 3.64 | µg/L | EPA 525.2 | 0.16 | 0.2 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/20/2009 | Pesticide | Prometon | n/a | = | 4.61 | µg/L | EPA 525.2 | 0.16 | 0.2 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/20/2009 | Pesticide | Prometon | n/a | = | 92 | % | EPA 525.2 | -88 | -88 | 6 | 110 | X |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Pesticide | Prometon | n/a | = | 73 | % | EPA 525.2 | -88 | -88 | 6 | 110 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/20/2009 | Pesticide | Prometon | n/a | = | 24 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Pesticide | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | | | X |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Pesticide | Prometryn | n/a | = | 5.42 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/20/2009 | Pesticide | Prometryn | n/a | = | 5.56 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/20/2009 | Pesticide | Prometryn | n/a | = | 111 | % | EPA 525.2 | -88 | -88 | 34 | 152 | X |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Pesticide | Prometryn | n/a | = | 108 | % | EPA 525.2 | -88 | -88 | 34 | 152 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/20/2009 | Pesticide | Prometryn | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Pesticide | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 0.101 | µg/L | EPA 525.2 | 0.0041 | 0.01 | | | EUM |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 0.104 | µg/L | EPA 525.2 | 0.0041 | 0.01 | | | EUM |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 207 | % | EPA 525.2 | -88 | -88 | 70 | 145 | EUM |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 202 | % | EPA 525.2 | -88 | -88 | 70 | 145 | EUM |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 25 | EUM |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Ronnel (Fenchlorphos) | n/a | < | 0.0041 | µg/L | EPA 525.2 | 0.0041 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Pesticide | Simazine | n/a | = | 5.42 | µg/L | EPA 525.2 | 0.083 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/20/2009 | Pesticide | Simazine | n/a | = | 5.65 | µg/L | EPA 525.2 | 0.083 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/20/2009 | Pesticide | Simazine | n/a | = | 113 | % | EPA 525.2 | -88 | -88 | 54 | 156 | X |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Pesticide | Simazine | n/a | = | 108 | % | EPA 525.2 | -88 | -88 | 54 | 156 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/20/2009 | Pesticide | Simazine | n/a | = | 4 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Pesticide | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 0.13 | µg/L | EPA 525.2 | 0.0031 | 0.01 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 0.133 | µg/L | EPA 525.2 | 0.0031 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 265 | % | EPA 525.2 | -88 | -88 | 70 | 278 | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 259 | % | EPA 525.2 | -88 | -88 | 70 | 278 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 2 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0031 | µg/L | EPA 525.2 | 0.0031 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Pesticide | Terbacil | n/a | = | 5 | µg/L | EPA 525.2 | 0.55 | 2 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/20/2009 | Pesticide | Terbacil | n/a | = | 5.6 | µg/L | EPA 525.2 | 0.55 | 2 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/20/2009 | Pesticide | Terbacil | n/a | = | 112 | % | EPA 525.2 | -88 | -88 | 66 | 140 | X |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Pesticide | Terbacil | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 66 | 140 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/20/2009 | Pesticide | Terbacil | n/a | = | 11 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Pesticide | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | | | X |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Pesticide | Thiobencarb | n/a | = | 5.28 | µg/L | EPA 525.2 | 0.11 | 0.2 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/20/2009 | Pesticide | Thiobencarb | n/a | = | 4.97 | µg/L | EPA 525.2 | 0.11 | 0.2 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/20/2009 | Pesticide | Thiobencarb | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 57 | 162 | X |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Pesticide | Thiobencarb | n/a | = | 106 | % | EPA 525.2 | -88 | -88 | 57 | 162 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/20/2009 | Pesticide | Thiobencarb | n/a | = | 6 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Pesticide | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Tokuthion | n/a | = | 0.075 | µg/L | EPA 525.2 | 0.0078 | 0.01 | | | EUM |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Tokuthion | n/a | = | 0.0727 | µg/L | EPA 525.2 | 0.0078 | 0.01 | | | EUM |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Tokuthion | n/a | = | 145 | % | EPA 525.2 | -88 | -88 | 70 | 122 | EUM |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Tokuthion | n/a | = | 150 | % | EPA 525.2 | -88 | -88 | 70 | 122 | EUM |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Tokuthion | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 25 | EUM |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Tokuthion | n/a | < | 0.0078 | µg/L | EPA 525.2 | 0.0078 | 0.01 | | | X |
| 2009/10-1 | Lab | method blank | 10/22/2009 | Pesticide | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | | | X |
| 2009/10-1 | Lab | LCS | 10/29/2009 | Pesticide | Trichloronate | n/a | = | 0.0541 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup | 10/29/2009 | Pesticide | Trichloronate | n/a | = | 0.0556 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS dup, rec | 10/29/2009 | Pesticide | Trichloronate | n/a | = | 111 | % | EPA 525.2 | -88 | -88 | 70 | 122 | X |
| 2009/10-1 | Lab | LCS, rec | 10/29/2009 | Pesticide | Trichloronate | n/a | = | 108 | % | EPA 525.2 | -88 | -88 | 70 | 122 | X |
| 2009/10-1 | Lab | LCS, RPD | 10/29/2009 | Pesticide | Trichloronate | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-1 | Lab | method blank | 10/29/2009 | Pesticide | Trichloronate | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-1 | Lab | LCS | 10/20/2009 | Pesticide | Trithion | n/a | = | 2.94 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | EUM |
| 2009/10-1 | Lab | LCS dup | 10/20/2009 | Pesticide | Trithion | n/a | = | 2.51 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | EUM |
| 2009/10-1 | Lab | LCS dup, rec | 10/20/2009 | Pesticide | Trithion | n/a | = | 50 | % | EPA 525.2 | -88 | -88 | 62 | 149 | EUM |
| 2009/10-1 | Lab | LCS, rec | 10/20/2009 | Pesticide | Trithion | n/a | = | 59 | % | EPA 525.2 | -88 | -88 | 62 | 149 | EUM |
| 2009/10-1 | Lab | LCS, RPD | 10/20/2009 | Pesticide | Trithion | n/a | = | 16 | % | EPA 525.2 | -88 | -88 | 0 | 30 | EUM |
| 2009/10-1 | Lab | method blank | 10/20/2009 | Pesticide | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/11/2009 | Anion | Chloride | n/a | = | 113 | mg/L | EPA 300.0 | 0.79 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/11/2009 | Anion | Chloride | n/a | = | 63.2 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/11/2009 | Anion | Chloride | n/a | = | 62.8 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/11/2009 | Anion | Chloride | n/a | = | 113 | mg/L | EPA 300.0 | 0.79 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/11/2009 | Anion | Chloride | n/a | = | 86 | % | EPA 300.0 | -88 | -88 | 72 | 118 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/11/2009 | Anion | Chloride | n/a | = | 34 | % | EPA 300.0 | -88 | -88 | 72 | 118 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/11/2009 | Anion | Chloride | n/a | = | 86 | % | EPA 300.0 | -88 | -88 | 72 | 118 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/11/2009 | Anion | Chloride | n/a | = | 44 | % | EPA 300.0 | -88 | -88 | 72 | 118 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/11/2009 | Anion | Chloride | n/a | = | 0.09 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/11/2009 | Anion | Chloride | n/a | = | 0.6 | % | EPA 300.0 | -88 | -88 | 0 | 20 | M |
| 2009/10-2 | 000NONPJ | matrix spike | 12/12/2009 | Anion | Chloride | n/a | = | 46.2 | mg/L | EPA 300.0 | 0.79 | 5 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | 000NONPJ | matrix spike | 12/12/2009 | Anion | Chloride | n/a | = | 47.3 | mg/L | EPA 300.0 | 0.4 | 2.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/12/2009 | Anion | Chloride | n/a | = | 48.2 | mg/L | EPA 300.0 | 0.4 | 2.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/12/2009 | Anion | Chloride | n/a | = | 47.1 | mg/L | EPA 300.0 | 0.79 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/12/2009 | Anion | Chloride | n/a | = | 98 | % | EPA 300.0 | -88 | -88 | 72 | 118 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/12/2009 | Anion | Chloride | n/a | = | 103 | % | EPA 300.0 | -88 | -88 | 72 | 118 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/12/2009 | Anion | Chloride | n/a | = | 98 | % | EPA 300.0 | -88 | -88 | 72 | 118 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/12/2009 | Anion | Chloride | n/a | = | 96 | % | EPA 300.0 | -88 | -88 | 72 | 118 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/12/2009 | Anion | Chloride | n/a | = | 2 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/12/2009 | Anion | Chloride | n/a | = | 2 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-2 | Lab | LCS | 12/11/2009 | Anion | Chloride | n/a | = | 3.65 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/11/2009 | Anion | Chloride | n/a | = | 91 | % | EPA 300.0 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | Lab | method blank | 12/11/2009 | Anion | Chloride | n/a | DNQ | 0.096 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | J |
| 2009/10-2 | Lab | LCS | 12/12/2009 | Anion | Chloride | n/a | = | 3.74 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/12/2009 | Anion | Chloride | n/a | = | 94 | % | EPA 300.0 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | Lab | method blank | 12/12/2009 | Anion | Chloride | n/a | DNQ | 0.109 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | J |
| 2009/10-2 | 000NONPJ | matrix spike | 12/11/2009 | Anion | Fluoride | n/a | = | 18.2 | mg/L | EPA 300.0 | 0.13 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/11/2009 | Anion | Fluoride | n/a | = | 1.89 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/11/2009 | Anion | Fluoride | n/a | = | 18.4 | mg/L | EPA 300.0 | 0.13 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/11/2009 | Anion | Fluoride | n/a | = | 1.92 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/11/2009 | Anion | Fluoride | n/a | = | 92 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/11/2009 | Anion | Fluoride | n/a | = | 91 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/11/2009 | Anion | Fluoride | n/a | = | 91 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/11/2009 | Anion | Fluoride | n/a | = | 90 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/11/2009 | Anion | Fluoride | n/a | = | 1 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/11/2009 | Anion | Fluoride | n/a | = | 0.8 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/12/2009 | Anion | Fluoride | n/a | = | 10.6 | mg/L | EPA 300.0 | 0.065 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/12/2009 | Anion | Fluoride | n/a | = | 20.1 | mg/L | EPA 300.0 | 0.13 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/12/2009 | Anion | Fluoride | n/a | = | 19.7 | mg/L | EPA 300.0 | 0.13 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/12/2009 | Anion | Fluoride | n/a | = | 10.7 | mg/L | EPA 300.0 | 0.065 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/12/2009 | Anion | Fluoride | n/a | = | 98 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/12/2009 | Anion | Fluoride | n/a | = | 98 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/12/2009 | Anion | Fluoride | n/a | = | 100 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/12/2009 | Anion | Fluoride | n/a | = | 97 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/12/2009 | Anion | Fluoride | n/a | = | 2 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/12/2009 | Anion | Fluoride | n/a | = | 1 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-2 | Lab | LCS | 12/11/2009 | Anion | Fluoride | n/a | = | 1.82 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/11/2009 | Anion | Fluoride | n/a | = | 91 | % | EPA 300.0 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | Lab | method blank | 12/11/2009 | Anion | Fluoride | n/a | < | 0.013 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS | 12/12/2009 | Anion | Fluoride | n/a | = | 1.97 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/12/2009 | Anion | Fluoride | n/a | = | 98 | % | EPA 300.0 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | Lab | method blank | 12/12/2009 | Anion | Fluoride | n/a | < | 0.013 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/11/2009 | Anion | Perchlorate | n/a | = | 11.7 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/11/2009 | Anion | Perchlorate | n/a | = | 11.8 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/11/2009 | Anion | Perchlorate | n/a | = | 118 | % | EPA 314.0 | -88 | -88 | 80 | 120 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/11/2009 | Anion | Perchlorate | n/a | = | 117 | % | EPA 314.0 | -88 | -88 | 80 | 120 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/11/2009 | Anion | Perchlorate | n/a | = | 1 | % | EPA 314.0 | -88 | -88 | 0 | 15 | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Anion | Perchlorate | n/a | = | 10.7 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|---------------------|----------|------|--------|-------|-----------|--------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Anion | Perchlorate | n/a | = | 10.9 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Anion | Perchlorate | n/a | = | 109 | % | EPA 314.0 | -88 | -88 | 80 | 120 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Anion | Perchlorate | n/a | = | 107 | % | EPA 314.0 | -88 | -88 | 80 | 120 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Anion | Perchlorate | n/a | = | 2 | % | EPA 314.0 | -88 | -88 | 0 | 15 | X |
| 2009/10-2 | Lab | LCS | 12/11/2009 | Anion | Perchlorate | n/a | = | 10.9 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/11/2009 | Anion | Perchlorate | n/a | = | 109 | % | EPA 314.0 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/11/2009 | Anion | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Anion | Perchlorate | n/a | = | 11.3 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Anion | Perchlorate | n/a | = | 113 | % | EPA 314.0 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Anion | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Cation | Calcium | Total | = | 58.4 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Cation | Calcium | Total | = | 59.4 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Cation | Calcium | Total | = | 93 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Cation | Calcium | Total | = | 91 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Cation | Calcium | Total | = | 2 | % | EPA 200.7 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Cation | Calcium | Total | = | 47.3 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Cation | Calcium | Total | = | 94 | % | EPA 200.7 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Cation | Calcium | Total | < | 0.016 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Cation | Magnesium | Total | = | 50.8 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Cation | Magnesium | Total | = | 52.8 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Cation | Magnesium | Total | = | 96 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Cation | Magnesium | Total | = | 92 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Cation | Magnesium | Total | = | 4 | % | EPA 200.7 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Cation | Magnesium | Total | = | 47.3 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Cation | Magnesium | Total | = | 94 | % | EPA 200.7 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Cation | Magnesium | Total | < | 0.012 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | lab duplicate | 12/10/2009 | Conventional | Alkalinity as CaCO3 | n/a | = | 149 | mg/L | SM 2320 B | 1.2 | 2 | | 15 | X |
| 2009/10-2 | 000NONPJ | lab duplicate | 12/17/2009 | Conventional | Alkalinity as CaCO3 | n/a | = | 38.4 | mg/L | SM 2320 B | 1.2 | 2 | | 15 | X |
| 2009/10-2 | Lab | LCS | 12/10/2009 | Conventional | Alkalinity as CaCO3 | n/a | = | 36.4 | mg/L | SM 2320 B | 1.2 | 2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/10/2009 | Conventional | Alkalinity as CaCO3 | n/a | = | 104 | % | SM 2320 B | -88 | -88 | 94 | 108 | X |
| 2009/10-2 | Lab | method blank | 12/10/2009 | Conventional | Alkalinity as CaCO3 | n/a | < | 1.2 | mg/L | SM 2320 B | 1.2 | 2 | | | X |
| 2009/10-2 | Lab | LCS | 12/17/2009 | Conventional | Alkalinity as CaCO3 | n/a | = | 34.7 | mg/L | SM 2320 B | 1.2 | 2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/17/2009 | Conventional | Alkalinity as CaCO3 | n/a | = | 99 | % | SM 2320 B | -88 | -88 | 94 | 108 | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Conventional | Alkalinity as CaCO3 | n/a | < | 1.2 | mg/L | SM 2320 B | 1.2 | 2 | | | X |
| 2009/10-2 | Lab | LCS | 12/14/2009 | Conventional | BOD | n/a | = | 197 | mg/L | SM 5210 B | 0.1 | 2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/14/2009 | Conventional | BOD | n/a | = | 99 | % | SM 5210 B | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/10/2009 | Conventional | COD | n/a | = | 268 | mg/L | EPA 410.4 | 3.7 | 10 | | | D |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/10/2009 | Conventional | COD | n/a | = | 268 | mg/L | EPA 410.4 | 3.7 | 10 | | | D |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/10/2009 | Conventional | COD | n/a | = | 102 | % | EPA 410.4 | -88 | -88 | 90 | 110 | D |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/10/2009 | Conventional | COD | n/a | = | 102 | % | EPA 410.4 | -88 | -88 | 90 | 110 | D |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/10/2009 | Conventional | COD | n/a | = | 0.007 | % | EPA 410.4 | -88 | -88 | 0 | 15 | D |
| 2009/10-2 | Lab | LCS | 12/10/2009 | Conventional | COD | n/a | = | 102 | mg/L | EPA 410.4 | 1.8 | 5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/10/2009 | Conventional | COD | n/a | = | 102 | % | EPA 410.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | Lab | method blank | 12/10/2009 | Conventional | COD | n/a | < | 1.8 | mg/L | EPA 410.4 | 1.8 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/10/2009 | Conventional | Cyanide | Total | = | 0.0991 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/10/2009 | Conventional | Cyanide | Total | = | 0.0917 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/10/2009 | Conventional | Cyanide | Total | = | 0.0834 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | M |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|----------|------|--------|----------|--------------|--------|-------|----------|------|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/10/2009 | Conventional | Cyanide | Total | = | 0.0829 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/10/2009 | Conventional | Cyanide | Total | = | 83 | % | EPA 335.4 | -88 | -88 | 90 | 110 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/10/2009 | Conventional | Cyanide | Total | = | 83 | % | EPA 335.4 | -88 | -88 | 90 | 110 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/10/2009 | Conventional | Cyanide | Total | = | 92 | % | EPA 335.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/10/2009 | Conventional | Cyanide | Total | = | 99 | % | EPA 335.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/10/2009 | Conventional | Cyanide | Total | = | 17 | % | EPA 335.4 | -88 | -88 | 0 | 20 | M |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/10/2009 | Conventional | Cyanide | Total | = | 10 | % | EPA 335.4 | -88 | -88 | 0 | 20 | M |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Conventional | Cyanide | Total | = | 0.102 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Conventional | Cyanide | Total | = | 0.107 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Conventional | Cyanide | Total | = | 0.103 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Conventional | Cyanide | Total | = | 0.112 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Conventional | Cyanide | Total | = | 112 | % | EPA 335.4 | -88 | -88 | 90 | 110 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Conventional | Cyanide | Total | = | 96 | % | EPA 335.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Conventional | Cyanide | Total | = | 107 | % | EPA 335.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Conventional | Cyanide | Total | = | 95 | % | EPA 335.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Conventional | Cyanide | Total | = | 5 | % | EPA 335.4 | -88 | -88 | 0 | 20 | M |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Conventional | Cyanide | Total | = | 1 | % | EPA 335.4 | -88 | -88 | 0 | 20 | X |
| 2009/10-2 | Lab | LCS | 12/10/2009 | Conventional | Cyanide | Total | = | 0.0534 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/10/2009 | Conventional | Cyanide | Total | = | 107 | % | EPA 335.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | Lab | method blank | 12/10/2009 | Conventional | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-2 | Lab | LCS | 12/18/2009 | Conventional | Cyanide | Total | = | 0.0479 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/18/2009 | Conventional | Cyanide | Total | = | 96 | % | EPA 335.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | Lab | method blank | 12/18/2009 | Conventional | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-2 | MO-OJA | field duplicate | 12/18/2009 | Conventional | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/10/2009 | Conventional | MBAS | n/a | = | 0.239 | mg/L | SM 5540 C | 0.019 | 0.05 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/10/2009 | Conventional | MBAS | n/a | = | 0.249 | mg/L | SM 5540 C | 0.019 | 0.05 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/10/2009 | Conventional | MBAS | n/a | = | 114 | % | SM 5540 C | -88 | -88 | 77 | 118 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/10/2009 | Conventional | MBAS | n/a | = | 109 | % | SM 5540 C | -88 | -88 | 77 | 118 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/10/2009 | Conventional | MBAS | n/a | = | 4 | % | SM 5540 C | -88 | -88 | 0 | 20 | X |
| 2009/10-2 | Lab | LCS | 12/10/2009 | Conventional | MBAS | n/a | = | 0.198 | mg/L | SM 5540 C | 0.019 | 0.05 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/10/2009 | Conventional | MBAS | n/a | = | 99 | % | SM 5540 C | -88 | -88 | 79 | 113 | X |
| 2009/10-2 | Lab | method blank | 12/10/2009 | Conventional | MBAS | n/a | < | 0.019 | mg/L | SM 5540 C | 0.019 | 0.05 | | | X |
| 2009/10-2 | 000NONPJ | lab duplicate | 12/8/2009 | Conventional | pH | n/a | = | 6.64 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | | 3.24 | X |
| 2009/10-2 | 000NONPJ | lab duplicate | 12/8/2009 | Conventional | pH | n/a | = | 7.27 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | | 3.24 | X |
| 2009/10-2 | Lab | CRM | 12/8/2009 | Conventional | pH | n/a | = | 6.83 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | | | X |
| 2009/10-2 | Lab | CRM | 12/8/2009 | Conventional | pH | n/a | = | 6.82 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | | | X |
| 2009/10-2 | Lab | CRM, rec | 12/8/2009 | Conventional | pH | n/a | = | 99 | % | SM 4500-H+ B | -88 | -88 | 95 | 105 | X |
| 2009/10-2 | Lab | CRM, rec | 12/8/2009 | Conventional | pH | n/a | = | 100 | % | SM 4500-H+ B | -88 | -88 | 95 | 105 | X |
| 2009/10-2 | MO-OJA | field duplicate | 12/8/2009 | Conventional | pH | n/a | = | 7.26 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | | | H |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Conventional | Phenolics | n/a | = | 0.148 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Conventional | Phenolics | n/a | = | 0.17 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Conventional | Phenolics | n/a | = | 107 | % | EPA 420.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Conventional | Phenolics | n/a | = | 86 | % | EPA 420.4 | -88 | -88 | 90 | 110 | M |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Conventional | Phenolics | n/a | = | 14 | % | EPA 420.4 | -88 | -88 | 0 | 20 | X |
| 2009/10-2 | Lab | LCS | 12/18/2009 | Conventional | Phenolics | n/a | = | 0.0997 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/18/2009 | Conventional | Phenolics | n/a | = | 100 | % | EPA 420.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | Lab | method blank | 12/18/2009 | Conventional | Phenolics | n/a | < | 0.0016 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------------------|----------|------|--------|----------|--------------|--------|------|----------|------|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | 000NONPJ | lab duplicate | 12/9/2009 | Conventional | Specific Conductance | n/a | = | 82.4 | µmhos/cm | SM 2510 B | 0.23 | 2 | | 4.28 | X |
| 2009/10-2 | 000NONPJ | lab duplicate | 12/9/2009 | Conventional | Specific Conductance | n/a | = | 93.1 | µmhos/cm | SM 2510 B | 0.23 | 2 | | 4.28 | X |
| 2009/10-2 | Lab | LCS | 12/9/2009 | Conventional | Specific Conductance | n/a | = | 183 | µmhos/cm | SM 2510 B | 0.23 | 2 | | | X |
| 2009/10-2 | Lab | LCS | 12/9/2009 | Conventional | Specific Conductance | n/a | = | 184 | µmhos/cm | SM 2510 B | 0.23 | 2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/9/2009 | Conventional | Specific Conductance | n/a | = | 99 | % | SM 2510 B | -88 | -88 | 95 | 105 | X |
| 2009/10-2 | Lab | LCS, rec | 12/9/2009 | Conventional | Specific Conductance | n/a | = | 99 | % | SM 2510 B | -88 | -88 | 95 | 105 | X |
| 2009/10-2 | Lab | method blank | 12/9/2009 | Conventional | Specific Conductance | n/a | DNQ | 0.5 | µmhos/cm | SM 2510 B | 0.23 | 2 | | | J |
| 2009/10-2 | Lab | method blank | 12/9/2009 | Conventional | Specific Conductance | n/a | DNQ | 0.5 | µmhos/cm | SM 2510 B | 0.23 | 2 | | | J |
| 2009/10-2 | 000NONPJ | matrix spike | 12/8/2009 | Conventional | Total Chlorine Residual | n/a | = | 1.87 | mg/L | SM 4500-Cl G | 0.016 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/8/2009 | Conventional | Total Chlorine Residual | n/a | = | 1.84 | mg/L | SM 4500-Cl G | 0.016 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/8/2009 | Conventional | Total Chlorine Residual | n/a | = | 92 | % | SM 4500-Cl G | -88 | -88 | 65 | 128 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/8/2009 | Conventional | Total Chlorine Residual | n/a | = | 94 | % | SM 4500-Cl G | -88 | -88 | 65 | 128 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/8/2009 | Conventional | Total Chlorine Residual | n/a | = | 2 | % | SM 4500-Cl G | -88 | -88 | 0 | 15 | X |
| 2009/10-2 | Lab | LCS | 12/8/2009 | Conventional | Total Chlorine Residual | n/a | = | 0.203 | mg/L | SM 4500-Cl G | 0.0016 | 0.05 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/8/2009 | Conventional | Total Chlorine Residual | n/a | = | 102 | % | SM 4500-Cl G | -88 | -88 | 82 | 112 | X |
| 2009/10-2 | Lab | method blank | 12/8/2009 | Conventional | Total Chlorine Residual | n/a | < | 0.0016 | mg/L | SM 4500-Cl G | 0.0016 | 0.05 | | | X |
| 2009/10-2 | 000NONPJ | lab duplicate | 12/12/2009 | Conventional | Total Dissolved Solids | n/a | = | 378 | mg/L | SM 2540 C | 4 | 10 | | 10 | X |
| 2009/10-2 | 000NONPJ | lab duplicate | 12/12/2009 | Conventional | Total Dissolved Solids | n/a | = | 1440 | mg/L | SM 2540 C | 4 | 10 | | 10 | X |
| 2009/10-2 | Lab | LCS | 12/12/2009 | Conventional | Total Dissolved Solids | n/a | = | 814 | mg/L | SM 2540 C | 4 | 10 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/12/2009 | Conventional | Total Dissolved Solids | n/a | = | 99 | % | SM 2540 C | -88 | -88 | 91 | 104 | X |
| 2009/10-2 | Lab | method blank | 12/12/2009 | Conventional | Total Dissolved Solids | n/a | < | 4 | mg/L | SM 2540 C | 4 | 10 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/23/2009 | Conventional | Total Organic Carbon | n/a | = | 31.3 | mg/L | SM 5310 C | 0.16 | 1.5 | | | D |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/23/2009 | Conventional | Total Organic Carbon | n/a | = | 30.9 | mg/L | SM 5310 C | 0.16 | 1.5 | | | D |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/23/2009 | Conventional | Total Organic Carbon | n/a | = | 92 | % | SM 5310 C | -88 | -88 | 84 | 107 | D |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/23/2009 | Conventional | Total Organic Carbon | n/a | = | 94 | % | SM 5310 C | -88 | -88 | 84 | 107 | D |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/23/2009 | Conventional | Total Organic Carbon | n/a | = | 2 | % | SM 5310 C | -88 | -88 | 0 | 20 | D |
| 2009/10-2 | Lab | LCS | 12/23/2009 | Conventional | Total Organic Carbon | n/a | = | 4.69 | mg/L | SM 5310 C | 0.032 | 0.3 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/23/2009 | Conventional | Total Organic Carbon | n/a | = | 94 | % | SM 5310 C | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | Lab | method blank | 12/23/2009 | Conventional | Total Organic Carbon | n/a | DNQ | 0.0328 | mg/L | SM 5310 C | 0.032 | 0.3 | | | J |
| 2009/10-2 | 000NONPJ | lab duplicate | 12/12/2009 | Conventional | Total Suspended Solids | n/a | = | 163 | mg/L | SM 2540 D | 5 | 5 | | 20 | X |
| 2009/10-2 | Lab | method blank | 12/12/2009 | Conventional | Total Suspended Solids | n/a | < | 5 | mg/L | SM 2540 D | 5 | 5 | | | X |
| 2009/10-2 | 000NONPJ | lab duplicate | 12/9/2009 | Conventional | Turbidity | n/a | = | 0.14 | NTU | EPA 180.1 | 0.04 | 0.1 | | 10 | X |
| 2009/10-2 | 000NONPJ | lab duplicate | 12/9/2009 | Conventional | Turbidity | n/a | = | 0.21 | NTU | EPA 180.1 | 0.04 | 0.1 | | 10 | X |
| 2009/10-2 | 000NONPJ | lab duplicate | 12/9/2009 | Conventional | Turbidity | n/a | = | 0.23 | NTU | EPA 180.1 | 0.04 | 0.1 | | 10 | X |
| 2009/10-2 | 000NONPJ | lab duplicate | 12/9/2009 | Conventional | Turbidity | n/a | = | 0.18 | NTU | EPA 180.1 | 0.04 | 0.1 | | 10 | X |
| 2009/10-2 | Lab | LCS | 12/9/2009 | Conventional | Turbidity | n/a | = | 8 | NTU | EPA 180.1 | 0.04 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS | 12/9/2009 | Conventional | Turbidity | n/a | = | 8 | NTU | EPA 180.1 | 0.04 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS | 12/9/2009 | Conventional | Turbidity | n/a | = | 8 | NTU | EPA 180.1 | 0.04 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS | 12/9/2009 | Conventional | Turbidity | n/a | = | 8.01 | NTU | EPA 180.1 | 0.04 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/9/2009 | Conventional | Turbidity | n/a | = | 100 | % | EPA 180.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | Lab | LCS, rec | 12/9/2009 | Conventional | Turbidity | n/a | = | 100 | % | EPA 180.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | Lab | LCS, rec | 12/9/2009 | Conventional | Turbidity | n/a | = | 100 | % | EPA 180.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | Lab | LCS, rec | 12/9/2009 | Conventional | Turbidity | n/a | = | 100 | % | EPA 180.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | Lab | method blank | 12/9/2009 | Conventional | Turbidity | n/a | < | 0.04 | NTU | EPA 180.1 | 0.04 | 0.1 | | | X |
| 2009/10-2 | Lab | method blank | 12/9/2009 | Conventional | Turbidity | n/a | < | 0.04 | NTU | EPA 180.1 | 0.04 | 0.1 | | | X |
| 2009/10-2 | Lab | method blank | 12/9/2009 | Conventional | Turbidity | n/a | < | 0.04 | NTU | EPA 180.1 | 0.04 | 0.1 | | | X |
| 2009/10-2 | Lab | method blank | 12/9/2009 | Conventional | Turbidity | n/a | < | 0.04 | NTU | EPA 180.1 | 0.04 | 0.1 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|---------------------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | 000NONPJ | lab duplicate | 12/12/2009 | Conventional | Volatile Suspended Solids | n/a | = | 62 | mg/L | EPA 160.4 | 3.1 | 5 | | 15 | X |
| 2009/10-2 | Lab | method blank | 12/12/2009 | Conventional | Volatile Suspended Solids | n/a | < | 3.1 | mg/L | EPA 160.4 | 3.1 | 5 | | | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Hydrocarbon | Oil and Grease | n/a | = | 5.1 | mg/L | EPA 1664A | 2 | 5 | | | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Hydrocarbon | Oil and Grease | n/a | = | 18.6 | mg/L | EPA 1664A | 2 | 5 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/22/2009 | Hydrocarbon | Oil and Grease | n/a | = | 18.7 | mg/L | EPA 1664A | 2 | 5 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/22/2009 | Hydrocarbon | Oil and Grease | n/a | = | 94 | % | EPA 1664A | -88 | -88 | 78 | 114 | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Hydrocarbon | Oil and Grease | n/a | = | 102 | % | EPA 1664A | -88 | -88 | 78 | 114 | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Hydrocarbon | Oil and Grease | n/a | = | 93 | % | EPA 1664A | -88 | -88 | 78 | 114 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/22/2009 | Hydrocarbon | Oil and Grease | n/a | = | 0.5 | % | EPA 1664A | -88 | -88 | 0 | 18 | X |
| 2009/10-2 | Lab | method blank | 12/22/2009 | Hydrocarbon | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | | | X |
| 2009/10-2 | MO-OJA | field duplicate | 12/22/2009 | Hydrocarbon | Oil and Grease | n/a | DNQ | 3.8 | mg/L | EPA 1664A | 2 | 5 | | | J |
| 2009/10-2 | Lab | method blank | 12/22/2009 | Hydrocarbon | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | | | X |
| 2009/10-2 | MO-OJA | field duplicate | 12/22/2009 | Hydrocarbon | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | | | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Aluminum | Dissolved | = | 50.6 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Aluminum | Dissolved | = | 101 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Aluminum | Dissolved | DNQ | 1.49 | µg/L | EPA 200.8 | 0.19 | 5 | | | J |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Aluminum | Total | = | 1430 | µg/L | EPA 200.8 | 0.19 | 5 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Aluminum | Total | = | 230 | µg/L | EPA 200.8 | 0.19 | 5 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Aluminum | Total | = | 1460 | µg/L | EPA 200.8 | 0.19 | 5 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Aluminum | Total | = | 252 | µg/L | EPA 200.8 | 0.19 | 5 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Aluminum | Total | = | 416 | % | EPA 200.8 | -88 | -88 | 70 | 130 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Aluminum | Total | = | 209 | % | EPA 200.8 | -88 | -88 | 70 | 130 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Aluminum | Total | = | 344 | % | EPA 200.8 | -88 | -88 | 70 | 130 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Aluminum | Total | = | 165 | % | EPA 200.8 | -88 | -88 | 70 | 130 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Aluminum | Total | = | 9 | % | EPA 200.8 | -88 | -88 | 0 | 30 | M |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Aluminum | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | M |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Aluminum | Total | = | 50.6 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Aluminum | Total | = | 101 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Aluminum | Total | DNQ | 1.49 | µg/L | EPA 200.8 | 0.19 | 5 | | | J |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Antimony | Dissolved | = | 44.5 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Antimony | Dissolved | = | 47.4 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Antimony | Dissolved | = | 47.2 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Antimony | Dissolved | = | 44.4 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Antimony | Dissolved | = | 88 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Antimony | Dissolved | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Antimony | Dissolved | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Antimony | Dissolved | = | 88 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Antimony | Dissolved | = | 0.2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Antimony | Dissolved | = | 0.5 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Antimony | Dissolved | = | 47 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Antimony | Dissolved | = | 94 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Antimony | Dissolved | DNQ | 0.103 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | J |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Antimony | Total | = | 47.4 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Antimony | Total | = | 44.5 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Antimony | Total | = | 47.2 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Antimony | Total | = | 44.4 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Antimony | Total | = | 88 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Antimony | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Antimony | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Antimony | Total | = | 88 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Antimony | Total | = | 0.5 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Antimony | Total | = | 0.2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Antimony | Total | = | 47 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Antimony | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Antimony | Total | DNQ | 0.103 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | J |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Arsenic | Dissolved | = | 49.1 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Arsenic | Dissolved | = | 50.1 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Arsenic | Dissolved | = | 50 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Arsenic | Dissolved | = | 49.3 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Arsenic | Dissolved | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Arsenic | Dissolved | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Arsenic | Dissolved | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Arsenic | Dissolved | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Arsenic | Dissolved | = | 0.2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Arsenic | Dissolved | = | 0.4 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Arsenic | Dissolved | = | 48.4 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Arsenic | Dissolved | = | 97 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Arsenic | Dissolved | DNQ | 0.38 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | J |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Arsenic | Total | = | 50.1 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Arsenic | Total | = | 49.1 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Arsenic | Total | = | 49.3 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Arsenic | Total | = | 50 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Arsenic | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Arsenic | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Arsenic | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Arsenic | Total | = | 95 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Arsenic | Total | = | 0.2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Arsenic | Total | = | 0.4 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Arsenic | Total | = | 48.4 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Arsenic | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Arsenic | Total | DNQ | 0.38 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | J |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Barium | Total | = | 96.2 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Barium | Total | = | 106 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Barium | Total | = | 96.4 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Barium | Total | = | 105 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Barium | Total | = | 101 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Barium | Total | = | 101 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Barium | Total | = | 100 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Barium | Total | = | 102 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Barium | Total | = | 0.5 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Barium | Total | = | 0.2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Barium | Total | = | 49.4 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Barium | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Barium | Total | DNQ | 0.025 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | J |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Beryllium | Dissolved | = | 40.8 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Beryllium | Dissolved | = | 47.9 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Beryllium | Dissolved | = | 41.4 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Beryllium | Dissolved | = | 47.3 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Beryllium | Dissolved | = | 83 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Beryllium | Dissolved | = | 95 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Beryllium | Dissolved | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Beryllium | Dissolved | = | 82 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Beryllium | Dissolved | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Beryllium | Dissolved | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Beryllium | Dissolved | = | 49 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Beryllium | Dissolved | = | 98 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Beryllium | Total | = | 47.9 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Beryllium | Total | = | 40.8 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Beryllium | Total | = | 47.3 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Beryllium | Total | = | 41.4 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Beryllium | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Beryllium | Total | = | 83 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Beryllium | Total | = | 82 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Beryllium | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Beryllium | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Beryllium | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Beryllium | Total | = | 49 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Beryllium | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Beryllium | Total | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Cadmium | Dissolved | = | 45.7 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Cadmium | Dissolved | = | 48.2 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Cadmium | Dissolved | = | 45.7 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Cadmium | Dissolved | = | 48.8 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Cadmium | Dissolved | = | 91 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Cadmium | Dissolved | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Cadmium | Dissolved | = | 91 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Cadmium | Dissolved | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Cadmium | Dissolved | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Cadmium | Dissolved | = | 0.09 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Cadmium | Dissolved | = | 49.5 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Cadmium | Dissolved | = | 99 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Cadmium | Dissolved | < | 0.013 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Cadmium | Total | = | 48.2 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Cadmium | Total | = | 45.7 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Cadmium | Total | = | 48.8 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Cadmium | Total | = | 45.7 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Cadmium | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Cadmium | Total | = | 91 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Cadmium | Total | = | 91 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Cadmium | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|--------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Cadmium | Total | = | 0.09 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Cadmium | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Cadmium | Total | = | 49.5 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Cadmium | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Cadmium | Total | < | 0.013 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Chromium | Dissolved | = | 53.9 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Chromium | Dissolved | = | 51.5 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Chromium | Dissolved | = | 51 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Chromium | Dissolved | = | 53.4 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Chromium | Dissolved | = | 102 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Chromium | Dissolved | = | 106 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Chromium | Dissolved | = | 106 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Chromium | Dissolved | = | 103 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Chromium | Dissolved | = | 0.8 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Chromium | Dissolved | = | 0.9 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Chromium | Dissolved | = | 48.2 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Chromium | Dissolved | = | 96 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Chromium | Dissolved | < | 0.012 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Chromium | Total | = | 53.9 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Chromium | Total | = | 51.5 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Chromium | Total | = | 51 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Chromium | Total | = | 53.4 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Chromium | Total | = | 101 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Chromium | Total | = | 100 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Chromium | Total | = | 101 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Chromium | Total | = | 102 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Chromium | Total | = | 0.8 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Chromium | Total | = | 0.9 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Chromium | Total | = | 48.2 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Chromium | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Chromium | Total | < | 0.012 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/10/2009 | Metal | Chromium VI | n/a | = | 5.3 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/10/2009 | Metal | Chromium VI | n/a | = | 5.37 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/10/2009 | Metal | Chromium VI | n/a | = | 98 | % | EPA 218.6 | -88 | -88 | 88 | 112 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/10/2009 | Metal | Chromium VI | n/a | = | 96 | % | EPA 218.6 | -88 | -88 | 88 | 112 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/10/2009 | Metal | Chromium VI | n/a | = | 1 | % | EPA 218.6 | -88 | -88 | 0 | 10 | X |
| 2009/10-2 | Lab | LCS | 12/10/2009 | Metal | Chromium VI | n/a | = | 4.91 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/10/2009 | Metal | Chromium VI | n/a | = | 98 | % | EPA 218.6 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | Lab | method blank | 12/10/2009 | Metal | Chromium VI | n/a | < | 0.0059 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Copper | Dissolved | = | 58.4 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Copper | Dissolved | = | 46.7 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Copper | Dissolved | = | 57.8 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Copper | Dissolved | = | 47.4 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Copper | Dissolved | = | 107 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Copper | Dissolved | = | 93 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Copper | Dissolved | = | 108 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Copper | Dissolved | = | 92 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Copper | Dissolved | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Copper | Dissolved | = | 0.9 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Copper | Dissolved | = | 49.7 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Copper | Dissolved | = | 99 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Copper | Dissolved | DNQ | 0.0569 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | J |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Copper | Total | = | 58.4 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Copper | Total | = | 46.7 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Copper | Total | = | 57.8 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Copper | Total | = | 47.4 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Copper | Total | = | 91 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Copper | Total | = | 95 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Copper | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Copper | Total | = | 90 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Copper | Total | = | 0.9 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Copper | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Copper | Total | = | 49.7 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Copper | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Copper | Total | DNQ | 0.0569 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | J |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Iron | Dissolved | = | 997 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Iron | Dissolved | = | 95 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Iron | Dissolved | DNQ | 0.732 | µg/L | EPA 200.8 | 0.6 | 20 | | | J |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Iron | Total | = | 2870 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Iron | Total | = | 1410 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Iron | Total | = | 2880 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Iron | Total | = | 1450 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Iron | Total | = | 123 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Iron | Total | = | 102 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Iron | Total | = | 122 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Iron | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Iron | Total | = | 0.5 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Iron | Total | = | 3 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Iron | Total | = | 997 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Iron | Total | = | 95 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Iron | Total | DNQ | 0.732 | µg/L | EPA 200.8 | 0.6 | 20 | | | J |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Lead | Dissolved | = | 54.7 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Lead | Dissolved | = | 50.8 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Lead | Dissolved | = | 50.9 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Lead | Dissolved | = | 54.5 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Lead | Dissolved | = | 102 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Lead | Dissolved | = | 109 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Lead | Dissolved | = | 109 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Lead | Dissolved | = | 102 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Lead | Dissolved | = | 0.3 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Lead | Dissolved | = | 0.4 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Lead | Dissolved | = | 47.6 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Lead | Dissolved | = | 95 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Lead | Dissolved | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Lead | Total | = | 54.7 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Lead | Total | = | 50.8 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Lead | Total | = | 50.9 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Lead | Total | = | 54.5 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Lead | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Lead | Total | = | 101 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Lead | Total | = | 101 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Lead | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Lead | Total | = | 0.4 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Lead | Total | = | 0.3 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Lead | Total | = | 47.6 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Lead | Total | = | 95 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Lead | Total | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Metal | Mercury | Dissolved | = | 1010 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Metal | Mercury | Dissolved | = | 1040 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Metal | Mercury | Dissolved | = | 1040 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Metal | Mercury | Dissolved | = | 1040 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Metal | Mercury | Dissolved | = | 104 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Metal | Mercury | Dissolved | = | 104 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Metal | Mercury | Dissolved | = | 104 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Metal | Mercury | Dissolved | = | 101 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Metal | Mercury | Dissolved | = | 0 | % | EPA 245.1 | -88 | -88 | 0 | 20 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Metal | Mercury | Dissolved | = | 3 | % | EPA 245.1 | -88 | -88 | 0 | 20 | X |
| 2009/10-2 | Lab | LCS | 12/18/2009 | Metal | Mercury | Dissolved | = | 966 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/18/2009 | Metal | Mercury | Dissolved | = | 97 | % | EPA 245.1 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/18/2009 | Metal | Mercury | Dissolved | DNQ | 7 | ng/L | EPA 245.1 | 3.9 | 50 | | | J |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Metal | Mercury | Total | = | 1040 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Metal | Mercury | Total | = | 992 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Metal | Mercury | Total | = | 1010 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Metal | Mercury | Total | = | 1010 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Metal | Mercury | Total | = | 1040 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Metal | Mercury | Total | = | 994 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Metal | Mercury | Total | = | 989 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Metal | Mercury | Total | = | 1040 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Metal | Mercury | Total | = | 102 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Metal | Mercury | Total | = | 102 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Metal | Mercury | Total | = | 98 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Metal | Mercury | Total | = | 98 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Metal | Mercury | Total | = | 100 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Metal | Mercury | Total | = | 102 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Metal | Mercury | Total | = | 98 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Metal | Mercury | Total | = | 99 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Metal | Mercury | Total | = | 3 | % | EPA 245.1 | -88 | -88 | 0 | 20 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Metal | Mercury | Total | = | 0 | % | EPA 245.1 | -88 | -88 | 0 | 20 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Metal | Mercury | Total | = | 0.2 | % | EPA 245.1 | -88 | -88 | 0 | 20 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Metal | Mercury | Total | = | 2 | % | EPA 245.1 | -88 | -88 | 0 | 20 | X |
| 2009/10-2 | Lab | LCS | 12/18/2009 | Metal | Mercury | Total | = | 966 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | Lab | LCS | 12/18/2009 | Metal | Mercury | Total | = | 1000 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/18/2009 | Metal | Mercury | Total | = | 97 | % | EPA 245.1 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | LCS, rec | 12/18/2009 | Metal | Mercury | Total | = | 100 | % | EPA 245.1 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/18/2009 | Metal | Mercury | Total | DNQ | 7 | ng/L | EPA 245.1 | 3.9 | 50 | | | J |
| 2009/10-2 | Lab | method blank | 12/18/2009 | Metal | Mercury | Total | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-2 | MO-OJA | field duplicate | 12/18/2009 | Metal | Mercury | Total | DNQ | 10 | ng/L | EPA 245.1 | 3.9 | 50 | | | J |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Nickel | Dissolved | = | 56.6 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Nickel | Dissolved | = | 52.1 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Nickel | Dissolved | = | 56 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Nickel | Dissolved | = | 51.8 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Nickel | Dissolved | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Nickel | Dissolved | = | 108 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Nickel | Dissolved | = | 109 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Nickel | Dissolved | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Nickel | Dissolved | = | 0.7 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Nickel | Dissolved | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Nickel | Dissolved | = | 49.6 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Nickel | Dissolved | = | 99 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Nickel | Dissolved | DNQ | 0.0147 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | J |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Nickel | Total | = | 56.6 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Nickel | Total | = | 52.1 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Nickel | Total | = | 51.8 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Nickel | Total | = | 56 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Nickel | Total | = | 100 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Nickel | Total | = | 95 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Nickel | Total | = | 101 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Nickel | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Nickel | Total | = | 0.7 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Nickel | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Nickel | Total | = | 49.6 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Nickel | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Nickel | Total | DNQ | 0.0147 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | J |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Selenium | Dissolved | = | 49.8 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Selenium | Dissolved | = | 49.6 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Selenium | Dissolved | = | 48.8 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Selenium | Dissolved | = | 50.3 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Selenium | Dissolved | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Selenium | Dissolved | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Selenium | Dissolved | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Selenium | Dissolved | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Selenium | Dissolved | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Selenium | Dissolved | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Selenium | Dissolved | = | 50.1 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Selenium | Dissolved | = | 100 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Selenium | Dissolved | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Selenium | Total | = | 48.9 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Selenium | Total | = | 48.8 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Selenium | Total | = | 49.3 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Selenium | Total | = | 49.4 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Selenium | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Selenium | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Selenium | Total | = | 95 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Selenium | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Selenium | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Selenium | Total | = | 0.9 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Selenium | Total | = | 51 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Selenium | Total | = | 102 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Selenium | Total | DNQ | 0.373 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | J |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Silver | Dissolved | = | 47.4 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Silver | Dissolved | = | 48.9 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Silver | Dissolved | = | 48.9 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Silver | Dissolved | = | 46.8 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Silver | Dissolved | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Silver | Dissolved | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Silver | Dissolved | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Silver | Dissolved | = | 95 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Silver | Dissolved | = | 0.03 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Silver | Dissolved | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Silver | Dissolved | = | 48.9 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Silver | Dissolved | = | 98 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Silver | Dissolved | DNQ | 0.0436 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | J |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Silver | Total | = | 47.4 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Silver | Total | = | 48.9 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Silver | Total | = | 46.8 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Silver | Total | = | 48.9 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Silver | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Silver | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Silver | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Silver | Total | = | 95 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Silver | Total | = | 0.03 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Silver | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Silver | Total | = | 48.9 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Silver | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Silver | Total | DNQ | 0.0436 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | J |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Thallium | Dissolved | = | 49.7 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Thallium | Dissolved | = | 52.8 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Thallium | Dissolved | = | 49.5 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Thallium | Dissolved | = | 52.8 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Thallium | Dissolved | = | 106 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Thallium | Dissolved | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Thallium | Dissolved | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Thallium | Dissolved | = | 106 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Thallium | Dissolved | = | 0.4 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Thallium | Dissolved | = | 0.1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|--------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Thallium | Dissolved | = | 48.7 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Thallium | Dissolved | = | 97 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Thallium | Total | = | 52.8 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Thallium | Total | = | 49.7 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Thallium | Total | = | 49.5 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Thallium | Total | = | 52.8 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Thallium | Total | = | 106 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Thallium | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Thallium | Total | = | 106 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Thallium | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Thallium | Total | = | 0.4 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Thallium | Total | = | 0.1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Thallium | Total | = | 48.7 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Thallium | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Zinc | Dissolved | = | 50.8 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Zinc | Dissolved | = | 102 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Zinc | Dissolved | DNQ | 0.552 | µg/L | EPA 200.8 | 0.3 | 5 | | | J |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Zinc | Total | = | 108 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/16/2009 | Metal | Zinc | Total | = | 47.6 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Zinc | Total | = | 48.1 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/16/2009 | Metal | Zinc | Total | = | 107 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Zinc | Total | = | 88 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/16/2009 | Metal | Zinc | Total | = | 92 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Zinc | Total | = | 87 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/16/2009 | Metal | Zinc | Total | = | 93 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Zinc | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/16/2009 | Metal | Zinc | Total | = | 0.7 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/16/2009 | Metal | Zinc | Total | = | 50.8 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/16/2009 | Metal | Zinc | Total | = | 102 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/16/2009 | Metal | Zinc | Total | DNQ | 0.552 | µg/L | EPA 200.8 | 0.3 | 5 | | | J |
| 2009/10-2 | 000NONPJ | matrix spike | 12/11/2009 | Nutrient | Ammonia as N | n/a | = | 1.07 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/11/2009 | Nutrient | Ammonia as N | n/a | = | 1.09 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/11/2009 | Nutrient | Ammonia as N | n/a | = | 1.19 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/11/2009 | Nutrient | Ammonia as N | n/a | = | 1.06 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/11/2009 | Nutrient | Ammonia as N | n/a | = | 105 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/11/2009 | Nutrient | Ammonia as N | n/a | = | 96 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/11/2009 | Nutrient | Ammonia as N | n/a | = | 95 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/11/2009 | Nutrient | Ammonia as N | n/a | = | 97 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/11/2009 | Nutrient | Ammonia as N | n/a | = | 0.9 | % | EPA 350.1 | -88 | -88 | 0 | 10 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/11/2009 | Nutrient | Ammonia as N | n/a | = | 9 | % | EPA 350.1 | -88 | -88 | 0 | 10 | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Nutrient | Ammonia as N | n/a | = | 1.47 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Nutrient | Ammonia as N | n/a | = | 1.48 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Nutrient | Ammonia as N | n/a | = | 104 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Nutrient | Ammonia as N | n/a | = | 103 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Nutrient | Ammonia as N | n/a | = | 0.7 | % | EPA 350.1 | -88 | -88 | 0 | 10 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QA/QC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|------------------------|-----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | Lab | LCS | 12/11/2009 | Nutrient | Ammonia as N | n/a | = | 1.09 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/11/2009 | Nutrient | Ammonia as N | n/a | = | 109 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | Lab | method blank | 12/11/2009 | Nutrient | Ammonia as N | n/a | < | 0.027 | mg/L | EPA 350.1 | 0.027 | 0.03 | | | X |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Nutrient | Ammonia as N | n/a | = | 1.07 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Nutrient | Ammonia as N | n/a | = | 107 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Nutrient | Ammonia as N | n/a | < | 0.048 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/9/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 2.64 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/9/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 2.88 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/9/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 2.9 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/9/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 2.56 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/9/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 97 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/9/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 94 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/9/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 96 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/9/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 98 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/9/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 3 | % | EPA 353.2 | -88 | -88 | 0 | 20 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/9/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 0.5 | % | EPA 353.2 | -88 | -88 | 0 | 20 | X |
| 2009/10-2 | Lab | LCS | 12/9/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 1.04 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/9/2009 | Nutrient | Nitrate + Nitrite as N | n/a | = | 104 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | Lab | method blank | 12/9/2009 | Nutrient | Nitrate + Nitrite as N | n/a | DNQ | 0.038 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | J |
| 2009/10-2 | 000NONPJ | matrix spike | 12/9/2009 | Nutrient | Nitrate as N | n/a | = | 2.88 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/9/2009 | Nutrient | Nitrate as N | n/a | = | 2.64 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/9/2009 | Nutrient | Nitrate as N | n/a | = | 2.9 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/9/2009 | Nutrient | Nitrate as N | n/a | = | 2.56 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/9/2009 | Nutrient | Nitrate as N | n/a | = | 94 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/9/2009 | Nutrient | Nitrate as N | n/a | = | 97 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/9/2009 | Nutrient | Nitrate as N | n/a | = | 98 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/9/2009 | Nutrient | Nitrate as N | n/a | = | 96 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/9/2009 | Nutrient | Nitrate as N | n/a | = | 3 | % | EPA 353.2 | -88 | -88 | 0 | 20 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/9/2009 | Nutrient | Nitrate as N | n/a | = | 0.5 | % | EPA 353.2 | -88 | -88 | 0 | 20 | X |
| 2009/10-2 | Lab | LCS | 12/9/2009 | Nutrient | Nitrate as N | n/a | = | 1.04 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/9/2009 | Nutrient | Nitrate as N | n/a | = | 104 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | Lab | method blank | 12/9/2009 | Nutrient | Nitrate as N | n/a | DNQ | 0.038 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | J |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Nutrient | Phosphorus as P | Dissolved | = | 0.0518 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Nutrient | Phosphorus as P | Dissolved | = | 104 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | Lab | method blank | 12/22/2009 | Nutrient | Phosphorus as P | Dissolved | < | 0.0014 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/22/2009 | Nutrient | Phosphorus as P | Total | = | 0.944 | mg/L | EPA 365.1 | 0.014 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/22/2009 | Nutrient | Phosphorus as P | Total | = | 1.18 | mg/L | EPA 365.1 | 0.014 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/22/2009 | Nutrient | Phosphorus as P | Total | = | 0.944 | mg/L | EPA 365.1 | 0.014 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/22/2009 | Nutrient | Phosphorus as P | Total | = | 1.17 | mg/L | EPA 365.1 | 0.014 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/22/2009 | Nutrient | Phosphorus as P | Total | = | 108 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/22/2009 | Nutrient | Phosphorus as P | Total | = | 107 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/22/2009 | Nutrient | Phosphorus as P | Total | = | 109 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/22/2009 | Nutrient | Phosphorus as P | Total | = | 108 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/22/2009 | Nutrient | Phosphorus as P | Total | = | 0 | % | EPA 365.1 | -88 | -88 | 0 | 10 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/22/2009 | Nutrient | Phosphorus as P | Total | = | 0.9 | % | EPA 365.1 | -88 | -88 | 0 | 10 | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Nutrient | Phosphorus as P | Total | = | 0.0518 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Nutrient | Phosphorus as P | Total | = | 104 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|------------------------|---------------|----------------|------------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | Lab | method blank | 12/22/2009 | Nutrient | Phosphorus as P | Total | < | 0.0014 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/17/2009 | Nutrient | TKN | n/a | = | 3.18 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike | 12/17/2009 | Nutrient | TKN | n/a | = | 0.93 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/17/2009 | Nutrient | TKN | n/a | = | 3.06 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/17/2009 | Nutrient | TKN | n/a | = | 0.908 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/17/2009 | Nutrient | TKN | n/a | = | 91 | % | EPA 351.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/17/2009 | Nutrient | TKN | n/a | = | 248 | % | EPA 351.2 | -88 | -88 | 90 | 110 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/17/2009 | Nutrient | TKN | n/a | = | 93 | % | EPA 351.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/17/2009 | Nutrient | TKN | n/a | = | 272 | % | EPA 351.2 | -88 | -88 | 90 | 110 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/17/2009 | Nutrient | TKN | n/a | = | 2 | % | EPA 351.2 | -88 | -88 | 0 | 15 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/17/2009 | Nutrient | TKN | n/a | = | 4 | % | EPA 351.2 | -88 | -88 | 0 | 15 | M |
| 2009/10-2 | Lab | LCS | 12/17/2009 | Nutrient | TKN | n/a | = | 0.99 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/17/2009 | Nutrient | TKN | n/a | = | 99 | % | EPA 351.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Nutrient | TKN | n/a | < | 0.074 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 14.9 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 15.1 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 76 | % | EPA 625 | -88 | -88 | 44 | 142 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 74 | % | EPA 625 | -88 | -88 | 44 | 142 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 2 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 14.8 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 74 | % | EPA 625 | -88 | -88 | 44 | 142 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 14.8 | µg/L | EPA 625 | 0.3 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 15.3 | µg/L | EPA 625 | 0.3 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 77 | % | EPA 625 | -88 | -88 | 32 | 129 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 74 | % | EPA 625 | -88 | -88 | 32 | 129 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 4 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 14.6 | µg/L | EPA 625 | 0.3 | 2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 73 | % | EPA 625 | -88 | -88 | 32 | 129 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | | | X |
| 2009/10-2 | Lab | srgt LCS | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.8 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-2 | Lab | srgt LCS dup | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.7 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-2 | Lab | srgt LCS dup, rec | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 107 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | Lab | srgt LCS, rec | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 108 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | Lab | srgt method blank | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 9.38 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-2 | Lab | srgt method blank, rec | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 94 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | ME-CC | srgt environ | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 11 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-2 | ME-CC | srgt environ, rec | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 110 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | ME-SCR | srgt environ | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.4 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-2 | ME-SCR | srgt environ, rec | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 104 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | ME-VR2 | srgt environ | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.5 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-2 | ME-VR2 | srgt environ, rec | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 105 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | MO-CAM | srgt environ | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.7 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-2 | MO-CAM | srgt environ, rec | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 107 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | MO-MEI | srgt environ | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.7 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-2 | MO-MEI | srgt environ, rec | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 107 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | MO-OJA | srgt environ | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.5 | µg/L | EPA 524.2 | 0 | 0 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|----------------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|-----------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | MO-OJA | srgt environ | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.5 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 105 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 105 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | MO-VEN | srgt environ | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.8 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-2 | MO-VEN | srgt environ, rec | 12/9/2009 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 108 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 14.6 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 15.1 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 75 | % | EPA 625 | -88 | -88 | 0.1 | 172 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 73 | % | EPA 625 | -88 | -88 | 0.1 | 172 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 4 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 14.3 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 71 | % | EPA 625 | -88 | -88 | 0.1 | 172 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 5.31 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 5.73 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup, rec | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 115 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike, rec | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 106 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-2 | Lab | srgt LCS | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.91 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt LCS, rec | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 98 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-2 | Lab | srgt method blank | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 5.42 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt method blank, rec | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 108 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-2 | Lab | srgt LCS | 12/27/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.515 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt LCS dup | 12/27/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.509 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt LCS dup, rec | 12/27/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 102 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-2 | Lab | srgt LCS, rec | 12/27/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 103 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-2 | Lab | srgt method blank | 12/27/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.484 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt method blank, rec | 12/27/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-2 | ME-CC | srgt environ | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | ME-CC | srgt environ, rec | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0 | % | EPA 525.2 | -88 | -88 | 73 | 136 | GN |
| 2009/10-2 | ME-CC | srgt environ | 12/27/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 1.51 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | ME-CC | srgt environ, rec | 12/27/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 151 | % | EPA 525.2 | -88 | -88 | 73 | 136 | GN |
| 2009/10-2 | ME-SCR | srgt environ | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 5.7 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | ME-SCR | srgt environ, rec | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 114 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-2 | ME-SCR | srgt environ | 12/27/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 1.31 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | ME-SCR | srgt environ, rec | 12/27/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 131 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-2 | ME-VR2 | srgt environ | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.94 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | ME-VR2 | srgt environ, rec | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-2 | ME-VR2 | srgt environ | 12/27/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 1.24 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | ME-VR2 | srgt environ, rec | 12/27/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 124 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-2 | MO-CAM | srgt environ | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 10 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | MO-CAM | srgt environ, rec | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-2 | MO-CAM | srgt environ | 12/27/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 1.22 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | MO-CAM | srgt environ, rec | 12/27/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 122 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-2 | MO-MEI | srgt environ | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.92 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | MO-MEI | srgt environ, rec | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 98 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-2 | MO-MEI | srgt environ | 12/27/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 1.44 | µg/L | EPA 525.2 | -88 | -88 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|----------------------------|---------------|----------------|-------------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | MO-MEI | srgt environ, rec | 12/27/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 144 | % | EPA 525.2 | -88 | -88 | 73 | 136 | GN |
| 2009/10-2 | MO-OJA | srgt environ | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 5.27 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 105 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-2 | MO-OJA | srgt environ | 12/27/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 1.27 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 12/27/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 127 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-2 | MO-VEN | srgt environ | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 5.22 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | MO-VEN | srgt environ, rec | 12/15/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 104 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-2 | MO-VEN | srgt environ | 12/27/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 1.51 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | MO-VEN | srgt environ, rec | 12/27/2009 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 151 | % | EPA 525.2 | -88 | -88 | 73 | 136 | GN |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 14.6 | µg/L | EPA 625 | 0.32 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 15 | µg/L | EPA 625 | 0.32 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 75 | % | EPA 625 | -88 | -88 | 20 | 124 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 73 | % | EPA 625 | -88 | -88 | 20 | 124 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 3 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 14.3 | µg/L | EPA 625 | 0.32 | 1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 72 | % | EPA 625 | -88 | -88 | 20 | 124 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | | | X |
| 2009/10-2 | Lab | method blank | 12/22/2009 | Organic | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 37.6 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 38.7 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup, rec | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 97 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike, rec | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 94 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-2 | Lab | srgt LCS | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 37.5 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt LCS, rec | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 94 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-2 | Lab | srgt method blank | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 33.6 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt method blank, rec | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 84 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-2 | ME-CC | srgt environ | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 38.5 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | ME-CC | srgt environ, rec | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 96 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-2 | ME-SCR | srgt environ | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 37.5 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | ME-SCR | srgt environ, rec | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 94 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-2 | ME-VR2 | srgt environ | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 81.6 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | ME-VR2 | srgt environ, rec | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 102 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-2 | MO-CAM | srgt environ | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 82.3 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-CAM | srgt environ, rec | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 103 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-2 | MO-MEI | srgt environ | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 39.4 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-MEI | srgt environ, rec | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 98 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-2 | MO-OJA | srgt environ | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 40.2 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 100 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-2 | MO-VEN | srgt environ | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 40.6 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-VEN | srgt environ, rec | 12/22/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 101 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Organic | 2,4,6-Trichlorophenol | n/a | = | 21.8 | µg/L | EPA 8270Cm | 0.3 | 1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Organic | 2,4,6-Trichlorophenol | n/a | = | 109 | % | EPA 8270Cm | -88 | -88 | 39 | 125 | X |
| 2009/10-2 | Lab | method blank | 12/22/2009 | Organic | 2,4,6-Trichlorophenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | | | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Organic | 2,4-Dichlorophenol | n/a | = | 15.3 | µg/L | EPA 8270Cm | 0.51 | 1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Organic | 2,4-Dichlorophenol | n/a | = | 76 | % | EPA 8270Cm | -88 | -88 | 60 | 116 | X |
| 2009/10-2 | Lab | method blank | 12/22/2009 | Organic | 2,4-Dichlorophenol | n/a | < | 0.51 | µg/L | EPA 8270Cm | 0.51 | 1 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike | 12/22/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 10.2 | µg/L | EPA 515.3 | -88 | -88 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|----------------------------|---------------|----------------|-------------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup | 12/22/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 10.4 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup, rec | 12/22/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 104 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike, rec | 12/22/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 102 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | Lab | srgt method blank | 12/11/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 7.54 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt method blank, rec | 12/11/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 75 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | Lab | srgt LCS | 12/22/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 10.5 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt LCS, rec | 12/22/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 105 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | ME-CC | srgt environ | 12/11/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 10.6 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-2 | ME-CC | srgt environ, rec | 12/11/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 106 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | ME-SCR | srgt environ | 12/11/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 9.55 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-2 | ME-SCR | srgt environ, rec | 12/11/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 95 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | ME-VR2 | srgt environ | 12/11/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 10.8 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-2 | ME-VR2 | srgt environ, rec | 12/11/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 108 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | MO-CAM | srgt environ | 12/11/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 9.36 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-2 | MO-CAM | srgt environ, rec | 12/11/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 94 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | MO-MEI | srgt environ | 12/11/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 10.2 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-2 | MO-MEI | srgt environ, rec | 12/11/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 102 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | MO-OJA | srgt environ | 12/11/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 9.48 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 12/11/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 95 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | MO-VEN | srgt environ | 12/11/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 9.41 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-2 | MO-VEN | srgt environ, rec | 12/11/2009 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 94 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Organic | 2,4-Dimethylphenol | n/a | = | 9.32 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Organic | 2,4-Dimethylphenol | n/a | = | 47 | % | EPA 8270Cm | -88 | -88 | 2 | 117 | X |
| 2009/10-2 | Lab | method blank | 12/22/2009 | Organic | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Organic | 2,4-Dinitrophenol | n/a | = | 31.1 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Organic | 2,4-Dinitrophenol | n/a | = | 156 | % | EPA 8270Cm | -88 | -88 | 28 | 140 | EUM |
| 2009/10-2 | Lab | method blank | 12/22/2009 | Organic | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 19.8 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 19.5 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 97 | % | EPA 625 | -88 | -88 | 39 | 139 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 99 | % | EPA 625 | -88 | -88 | 39 | 139 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 2 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 18.9 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 95 | % | EPA 625 | -88 | -88 | 39 | 139 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 18.1 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 18.7 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 93 | % | EPA 625 | -88 | -88 | 50 | 158 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 90 | % | EPA 625 | -88 | -88 | 50 | 158 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 3 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 17.6 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 88 | % | EPA 625 | -88 | -88 | 50 | 158 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-2 | Lab | LCS | 12/9/2009 | Organic | 2-Chloroethyl vinyl ether | n/a | = | 4.99 | µg/L | EPA 524.2 | 0.35 | 1 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/9/2009 | Organic | 2-Chloroethyl vinyl ether | n/a | = | 5.31 | µg/L | EPA 524.2 | 0.35 | 1 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/9/2009 | Organic | 2-Chloroethyl vinyl ether | n/a | = | 88 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | Lab | LCS, rec | 12/9/2009 | Organic | 2-Chloroethyl vinyl ether | n/a | = | 83 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|----------------------------|---------------|----------------|---------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | Lab | LCS, RPD | 12/9/2009 | Organic | 2-Chloroethyl vinyl ether | n/a | = | 6 | % | EPA 524.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | method blank | 12/9/2009 | Organic | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | | | X |
| 2009/10-2 | MO-OJA | field duplicate | 12/9/2009 | Organic | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | 2-Chloronaphthalene | n/a | = | 16.7 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | 2-Chloronaphthalene | n/a | = | 17 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | 2-Chloronaphthalene | n/a | = | 85 | % | EPA 625 | -88 | -88 | 60 | 118 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | 2-Chloronaphthalene | n/a | = | 84 | % | EPA 625 | -88 | -88 | 60 | 118 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | 2-Chloronaphthalene | n/a | = | 2 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | 2-Chloronaphthalene | n/a | = | 17 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | 2-Chloronaphthalene | n/a | = | 85 | % | EPA 625 | -88 | -88 | 60 | 118 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/22/2009 | Organic | 2-Chlorophenol | n/a | = | 11 | µg/L | EPA 8270Cm | 0.65 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/22/2009 | Organic | 2-Chlorophenol | n/a | = | 11.7 | µg/L | EPA 8270Cm | 0.65 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/22/2009 | Organic | 2-Chlorophenol | n/a | = | 59 | % | EPA 8270Cm | -88 | -88 | 47 | 102 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/22/2009 | Organic | 2-Chlorophenol | n/a | = | 55 | % | EPA 8270Cm | -88 | -88 | 47 | 102 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/22/2009 | Organic | 2-Chlorophenol | n/a | = | 6 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Organic | 2-Chlorophenol | n/a | = | 12 | µg/L | EPA 8270Cm | 0.65 | 1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Organic | 2-Chlorophenol | n/a | = | 60 | % | EPA 8270Cm | -88 | -88 | 56 | 98 | X |
| 2009/10-2 | Lab | method blank | 12/22/2009 | Organic | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 16.8 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 16.6 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup, rec | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 83 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike, rec | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 84 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike | 1/4/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 17.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup | 1/4/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 17.2 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup, rec | 1/4/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 86 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike, rec | 1/4/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 85 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-2 | Lab | srgt LCS | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 17.4 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt LCS, rec | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 87 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-2 | Lab | srgt method blank | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 15.6 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt method blank, rec | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 78 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-2 | Lab | srgt LCS | 1/4/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 17.9 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt LCS, rec | 1/4/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 89 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-2 | Lab | srgt method blank | 1/4/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 16.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt method blank, rec | 1/4/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 84 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-2 | ME-CC | srgt environ | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 17.1 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | ME-CC | srgt environ, rec | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 85 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-2 | ME-CC | srgt environ | 1/4/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 17.6 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | ME-CC | srgt environ, rec | 1/4/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 88 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-2 | ME-SCR | srgt environ | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 15.5 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | ME-SCR | srgt environ, rec | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 78 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-2 | ME-SCR | srgt environ | 1/4/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 16.6 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | ME-SCR | srgt environ, rec | 1/4/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 83 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-2 | ME-VR2 | srgt environ | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 30.6 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | ME-VR2 | srgt environ, rec | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 76 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-2 | ME-VR2 | srgt environ | 1/5/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 33 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | ME-VR2 | srgt environ, rec | 1/5/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 83 | % | EPA 625 | -88 | -88 | 22 | 130 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|----------------------------|---------------|----------------|------------------|----------|------|--------|-------|------------|-----|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | MO-CAM | srgt environ | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 28.5 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-CAM | srgt environ, rec | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 71 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-2 | MO-CAM | srgt environ | 1/5/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 30.2 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | MO-CAM | srgt environ, rec | 1/5/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 76 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-2 | MO-MEI | srgt environ | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 17.7 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-MEI | srgt environ, rec | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 88 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-2 | MO-MEI | srgt environ | 1/5/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 19 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | MO-MEI | srgt environ, rec | 1/5/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 95 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-2 | MO-OJA | srgt environ | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 16 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 80 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-2 | MO-OJA | srgt environ | 1/5/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 17.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 1/5/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 86 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-2 | MO-VEN | srgt environ | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 16.6 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-VEN | srgt environ, rec | 12/18/2009 | Organic | 2-Fluorobiphenyl | n/a | = | 83 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-2 | MO-VEN | srgt environ | 1/5/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 17.8 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | MO-VEN | srgt environ, rec | 1/5/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 89 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 11.5 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 12 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup, rec | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 30 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike, rec | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 29 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike | 1/4/2010 | Organic | 2-Fluorophenol | n/a | = | 16.2 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup | 1/4/2010 | Organic | 2-Fluorophenol | n/a | = | 17.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup, rec | 1/4/2010 | Organic | 2-Fluorophenol | n/a | = | 44 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike, rec | 1/4/2010 | Organic | 2-Fluorophenol | n/a | = | 40 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-2 | Lab | srgt LCS | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 13.2 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt LCS, rec | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 33 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-2 | Lab | srgt method blank | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 13.8 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt method blank, rec | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 34 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-2 | Lab | srgt LCS | 1/4/2010 | Organic | 2-Fluorophenol | n/a | = | 18.6 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt LCS, rec | 1/4/2010 | Organic | 2-Fluorophenol | n/a | = | 46 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-2 | Lab | srgt method blank | 1/4/2010 | Organic | 2-Fluorophenol | n/a | = | 18.9 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt method blank, rec | 1/4/2010 | Organic | 2-Fluorophenol | n/a | = | 47 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-2 | ME-CC | srgt environ | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 11.1 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | ME-CC | srgt environ, rec | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 28 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-2 | ME-CC | srgt environ | 1/4/2010 | Organic | 2-Fluorophenol | n/a | = | 16.2 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | ME-CC | srgt environ, rec | 1/4/2010 | Organic | 2-Fluorophenol | n/a | = | 40 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-2 | ME-SCR | srgt environ | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 10.2 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | ME-SCR | srgt environ, rec | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 26 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-2 | ME-SCR | srgt environ | 1/4/2010 | Organic | 2-Fluorophenol | n/a | = | 14.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | ME-SCR | srgt environ, rec | 1/4/2010 | Organic | 2-Fluorophenol | n/a | = | 37 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-2 | ME-VR2 | srgt environ | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 27.4 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | ME-VR2 | srgt environ, rec | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 34 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-2 | ME-VR2 | srgt environ | 1/5/2010 | Organic | 2-Fluorophenol | n/a | = | 39.6 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | ME-VR2 | srgt environ, rec | 1/5/2010 | Organic | 2-Fluorophenol | n/a | = | 49 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-2 | MO-CAM | srgt environ | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 24.3 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-CAM | srgt environ, rec | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 30 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-2 | MO-CAM | srgt environ | 1/5/2010 | Organic | 2-Fluorophenol | n/a | = | 35.2 | µg/L | EPA 625 | -88 | -88 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|------------------------|---------------|----------------|----------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | MO-CAM | srgt environ, rec | 1/5/2010 | Organic | 2-Fluorophenol | n/a | = | 44 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-2 | MO-MEI | srgt environ | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 13.4 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-MEI | srgt environ, rec | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 34 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-2 | MO-MEI | srgt environ | 1/5/2010 | Organic | 2-Fluorophenol | n/a | = | 19.8 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | MO-MEI | srgt environ, rec | 1/5/2010 | Organic | 2-Fluorophenol | n/a | = | 49 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-2 | MO-OJA | srgt environ | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 12.5 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 31 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-2 | MO-OJA | srgt environ | 1/5/2010 | Organic | 2-Fluorophenol | n/a | = | 18.3 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 1/5/2010 | Organic | 2-Fluorophenol | n/a | = | 46 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-2 | MO-VEN | srgt environ | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 14.2 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-VEN | srgt environ, rec | 12/22/2009 | Organic | 2-Fluorophenol | n/a | = | 36 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-2 | MO-VEN | srgt environ | 1/5/2010 | Organic | 2-Fluorophenol | n/a | = | 20.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | MO-VEN | srgt environ, rec | 1/5/2010 | Organic | 2-Fluorophenol | n/a | = | 51 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-2 | Lab | method blank | 12/22/2009 | Organic | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | | | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Organic | 2-Nitrophenol | n/a | = | 24.1 | µg/L | EPA 8270Cm | 0.71 | 1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Organic | 2-Nitrophenol | n/a | = | 121 | % | EPA 8270Cm | -88 | -88 | 54 | 121 | X |
| 2009/10-2 | Lab | method blank | 12/22/2009 | Organic | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 0 | % | EPA 625 | -88 | -88 | 0.1 | 262 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 0 | % | EPA 625 | -88 | -88 | 0.1 | 262 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 0 | % | EPA 625 | -88 | -88 | 0 | 30 | M |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 19.7 | µg/L | EPA 625 | 0.3 | 5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 99 | % | EPA 625 | -88 | -88 | 0.1 | 262 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | | | X |
| 2009/10-2 | Lab | method blank | 12/22/2009 | Organic | 3/4-Methylphenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | | | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Organic | 4,6-Dinitro-2-methylphenol | n/a | = | 30.6 | µg/L | EPA 8270Cm | 0.14 | 1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Organic | 4,6-Dinitro-2-methylphenol | n/a | = | 153 | % | EPA 8270Cm | -88 | -88 | 26 | 137 | EUM |
| 2009/10-2 | Lab | method blank | 12/22/2009 | Organic | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | | | X |
| 2009/10-2 | Lab | srgt LCS | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 10.6 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-2 | Lab | srgt LCS dup | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 10.5 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-2 | Lab | srgt LCS dup, rec | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 105 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | Lab | srgt LCS, rec | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 106 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | Lab | srgt method blank | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 9.65 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-2 | Lab | srgt method blank, rec | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 96 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | ME-CC | srgt environ | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 10.6 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-2 | ME-CC | srgt environ, rec | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 106 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | ME-SCR | srgt environ | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 10.3 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-2 | ME-SCR | srgt environ, rec | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 103 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | ME-VR2 | srgt environ | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 10.3 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-2 | ME-VR2 | srgt environ, rec | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 103 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | MO-CAM | srgt environ | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 10.3 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-2 | MO-CAM | srgt environ, rec | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 103 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | MO-MEI | srgt environ | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 10.3 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-2 | MO-MEI | srgt environ, rec | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 103 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | MO-OJA | srgt environ | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 10.2 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-2 | MO-OJA | srgt environ | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 10 | µg/L | EPA 524.2 | 0 | 0 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | MO-OJA | srgt environ, rec | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 102 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 100 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | MO-VEN | srgt environ | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 10.3 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-2 | MO-VEN | srgt environ, rec | 12/9/2009 | Organic | 4-Bromofluorobenzene | n/a | = | 103 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 15.1 | µg/L | EPA 625 | 0.23 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 14.4 | µg/L | EPA 625 | 0.23 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 72 | % | EPA 625 | -88 | -88 | 56 | 127 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 76 | % | EPA 625 | -88 | -88 | 56 | 127 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 5 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 13.9 | µg/L | EPA 625 | 0.23 | 5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 69 | % | EPA 625 | -88 | -88 | 56 | 127 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/22/2009 | Organic | 4-Chloro-3-methylphenol | n/a | = | 14.7 | µg/L | EPA 8270Cm | 0.37 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/22/2009 | Organic | 4-Chloro-3-methylphenol | n/a | = | 16.1 | µg/L | EPA 8270Cm | 0.37 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/22/2009 | Organic | 4-Chloro-3-methylphenol | n/a | = | 80 | % | EPA 8270Cm | -88 | -88 | 39 | 121 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/22/2009 | Organic | 4-Chloro-3-methylphenol | n/a | = | 74 | % | EPA 8270Cm | -88 | -88 | 39 | 121 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/22/2009 | Organic | 4-Chloro-3-methylphenol | n/a | = | 9 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Organic | 4-Chloro-3-methylphenol | n/a | = | 15.9 | µg/L | EPA 8270Cm | 0.37 | 1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Organic | 4-Chloro-3-methylphenol | n/a | = | 80 | % | EPA 8270Cm | -88 | -88 | 67 | 107 | X |
| 2009/10-2 | Lab | method blank | 12/22/2009 | Organic | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 16.7 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 15.7 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 78 | % | EPA 625 | -88 | -88 | 25 | 158 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 84 | % | EPA 625 | -88 | -88 | 25 | 158 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 7 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 15.2 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 76 | % | EPA 625 | -88 | -88 | 25 | 158 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/22/2009 | Organic | 4-Nitrophenol | n/a | = | 9.06 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/22/2009 | Organic | 4-Nitrophenol | n/a | = | 9.94 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/22/2009 | Organic | 4-Nitrophenol | n/a | = | 50 | % | EPA 8270Cm | -88 | -88 | 1 | 65 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/22/2009 | Organic | 4-Nitrophenol | n/a | = | 45 | % | EPA 8270Cm | -88 | -88 | 1 | 65 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/22/2009 | Organic | 4-Nitrophenol | n/a | = | 9 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Organic | 4-Nitrophenol | n/a | = | 7.33 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Organic | 4-Nitrophenol | n/a | = | 37 | % | EPA 8270Cm | -88 | -88 | 26 | 79 | X |
| 2009/10-2 | Lab | method blank | 12/22/2009 | Organic | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Organic | Acenaphthene | n/a | = | 17.1 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Organic | Acenaphthene | n/a | = | 17.2 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Organic | Acenaphthene | n/a | = | 86 | % | EPA 8270Cm | -88 | -88 | 47 | 145 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Organic | Acenaphthene | n/a | = | 86 | % | EPA 8270Cm | -88 | -88 | 47 | 145 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Organic | Acenaphthene | n/a | = | 0.6 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/18/2009 | Organic | Acenaphthene | n/a | = | 17.1 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/18/2009 | Organic | Acenaphthene | n/a | = | 85 | % | EPA 8270Cm | -88 | -88 | 47 | 145 | X |
| 2009/10-2 | Lab | method blank | 12/18/2009 | Organic | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Organic | Acenaphthylene | n/a | = | 18.4 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Organic | Acenaphthylene | n/a | = | 18.6 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Organic | Acenaphthylene | n/a | = | 93 | % | EPA 8270Cm | -88 | -88 | 33 | 145 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|----------------------|----------|------|--------|-------|------------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Organic | Acenaphthylene | n/a | = | 92 | % | EPA 8270Cm | -88 | -88 | 33 | 145 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Organic | Acenaphthylene | n/a | = | 0.9 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/18/2009 | Organic | Acenaphthylene | n/a | = | 19.2 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/18/2009 | Organic | Acenaphthylene | n/a | = | 96 | % | EPA 8270Cm | -88 | -88 | 33 | 145 | X |
| 2009/10-2 | Lab | method blank | 12/18/2009 | Organic | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Organic | Anthracene | n/a | = | 21.4 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Organic | Anthracene | n/a | = | 21.5 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Organic | Anthracene | n/a | = | 108 | % | EPA 8270Cm | -88 | -88 | 27 | 133 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Organic | Anthracene | n/a | = | 107 | % | EPA 8270Cm | -88 | -88 | 27 | 133 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Organic | Anthracene | n/a | = | 0.4 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/18/2009 | Organic | Anthracene | n/a | = | 22.4 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/18/2009 | Organic | Anthracene | n/a | = | 112 | % | EPA 8270Cm | -88 | -88 | 27 | 133 | X |
| 2009/10-2 | Lab | method blank | 12/18/2009 | Organic | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Organic | Benz(a)anthracene | n/a | = | 22.4 | µg/L | EPA 8270Cm | 0.28 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Organic | Benz(a)anthracene | n/a | = | 20.2 | µg/L | EPA 8270Cm | 0.28 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Organic | Benz(a)anthracene | n/a | = | 101 | % | EPA 8270Cm | -88 | -88 | 33 | 143 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Organic | Benz(a)anthracene | n/a | = | 112 | % | EPA 8270Cm | -88 | -88 | 33 | 143 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Organic | Benz(a)anthracene | n/a | = | 10 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/18/2009 | Organic | Benz(a)anthracene | n/a | = | 31.8 | µg/L | EPA 8270Cm | 0.28 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/18/2009 | Organic | Benz(a)anthracene | n/a | = | 159 | % | EPA 8270Cm | -88 | -88 | 33 | 143 | EUM |
| 2009/10-2 | Lab | method blank | 12/18/2009 | Organic | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | | | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | Benidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Organic | Benzo(a)pyrene | n/a | = | 0.71 | µg/L | EPA 525.2 | 0.073 | 0.1 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Organic | Benzo(a)pyrene | n/a | = | 0.57 | µg/L | EPA 525.2 | 0.073 | 0.1 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Organic | Benzo(a)pyrene | n/a | = | 11 | % | EPA 525.2 | -88 | -88 | 29 | 153 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Organic | Benzo(a)pyrene | n/a | = | 14 | % | EPA 525.2 | -88 | -88 | 29 | 153 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Organic | Benzo(a)pyrene | n/a | = | 22 | % | EPA 525.2 | -88 | -88 | 0 | 30 | M |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Organic | Benzo(a)pyrene | n/a | = | 6.96 | µg/L | EPA 525.2 | 0.073 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Organic | Benzo(a)pyrene | n/a | = | 139 | % | EPA 525.2 | -88 | -88 | 54 | 136 | EUM |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Organic | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Organic | Benzo(b)fluoranthene | n/a | = | 22.3 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Organic | Benzo(b)fluoranthene | n/a | = | 20.2 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Organic | Benzo(b)fluoranthene | n/a | = | 101 | % | EPA 8270Cm | -88 | -88 | 24 | 159 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Organic | Benzo(b)fluoranthene | n/a | = | 112 | % | EPA 8270Cm | -88 | -88 | 24 | 159 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Organic | Benzo(b)fluoranthene | n/a | = | 10 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/18/2009 | Organic | Benzo(b)fluoranthene | n/a | = | 24.7 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/18/2009 | Organic | Benzo(b)fluoranthene | n/a | = | 123 | % | EPA 8270Cm | -88 | -88 | 24 | 159 | X |
| 2009/10-2 | Lab | method blank | 12/18/2009 | Organic | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Organic | Benzo(g,h,i)perylene | n/a | = | 17.1 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Organic | Benzo(g,h,i)perylene | n/a | = | 15.7 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Organic | Benzo(g,h,i)perylene | n/a | = | 78 | % | EPA 8270Cm | -88 | -88 | 0.1 | 219 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Organic | Benzo(g,h,i)perylene | n/a | = | 85 | % | EPA 8270Cm | -88 | -88 | 0.1 | 219 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Organic | Benzo(g,h,i)perylene | n/a | = | 8 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/18/2009 | Organic | Benzo(g,h,i)perylene | n/a | = | 17.2 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/18/2009 | Organic | Benzo(g,h,i)perylene | n/a | = | 86 | % | EPA 8270Cm | -88 | -88 | 0.1 | 219 | X |
| 2009/10-2 | Lab | method blank | 12/18/2009 | Organic | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Organic | Benzo(k)fluoranthene | n/a | = | 20.2 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Organic | Benzo(k)fluoranthene | n/a | = | 18.7 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Organic | Benzo(k)fluoranthene | n/a | = | 94 | % | EPA 8270Cm | -88 | -88 | 11 | 162 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Organic | Benzo(k)fluoranthene | n/a | = | 101 | % | EPA 8270Cm | -88 | -88 | 11 | 162 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Organic | Benzo(k)fluoranthene | n/a | = | 8 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/18/2009 | Organic | Benzo(k)fluoranthene | n/a | = | 23.1 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/18/2009 | Organic | Benzo(k)fluoranthene | n/a | = | 116 | % | EPA 8270Cm | -88 | -88 | 11 | 162 | X |
| 2009/10-2 | Lab | method blank | 12/18/2009 | Organic | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 15.5 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 16 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 80 | % | EPA 625 | -88 | -88 | 33 | 184 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 78 | % | EPA 625 | -88 | -88 | 33 | 184 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 3 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 16.3 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 81 | % | EPA 625 | -88 | -88 | 33 | 184 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | Bis(2-chloroethoxy)ether | n/a | = | 14 | µg/L | EPA 625 | 0.46 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | Bis(2-chloroethoxy)ether | n/a | = | 14.4 | µg/L | EPA 625 | 0.46 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | Bis(2-chloroethoxy)ether | n/a | = | 72 | % | EPA 625 | -88 | -88 | 12 | 158 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | Bis(2-chloroethoxy)ether | n/a | = | 70 | % | EPA 625 | -88 | -88 | 12 | 158 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | Bis(2-chloroethoxy)ether | n/a | = | 3 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | Bis(2-chloroethoxy)ether | n/a | = | 14.8 | µg/L | EPA 625 | 0.46 | 1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | Bis(2-chloroethoxy)ether | n/a | = | 74 | % | EPA 625 | -88 | -88 | 12 | 158 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | Bis(2-chloroethoxy)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 13.6 | µg/L | EPA 625 | 0.48 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 14.2 | µg/L | EPA 625 | 0.48 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 71 | % | EPA 625 | -88 | -88 | 36 | 166 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 68 | % | EPA 625 | -88 | -88 | 36 | 166 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 5 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 14.4 | µg/L | EPA 625 | 0.48 | 2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 72 | % | EPA 625 | -88 | -88 | 36 | 166 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 0.82 | µg/L | EPA 525.2 | 0.23 | 0.5 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 0.71 | µg/L | EPA 525.2 | 0.23 | 0.5 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 14 | % | EPA 525.2 | -88 | -88 | 28 | 147 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 16 | % | EPA 525.2 | -88 | -88 | 28 | 147 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 14 | % | EPA 525.2 | -88 | -88 | 0 | 30 | M |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 6.26 | µg/L | EPA 525.2 | 0.23 | 5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 125 | % | EPA 525.2 | -88 | -88 | 50 | 145 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Organic | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 1.44 | µg/L | EPA 525.2 | 1.1 | 1.2 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 1.23 | µg/L | EPA 525.2 | 1.1 | 1.2 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | -8 | % | EPA 525.2 | -88 | -88 | 23 | 154 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | -4 | % | EPA 525.2 | -88 | -88 | 23 | 154 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 16 | % | EPA 525.2 | -88 | -88 | 0 | 30 | M |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 7.12 | µg/L | EPA 525.2 | 1.1 | 3 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 142 | % | EPA 525.2 | -88 | -88 | 54 | 142 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Organic | Bis(2-ethylhexyl)phthalate | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 3 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | Butyl benzyl phthalate | n/a | = | 17.7 | µg/L | EPA 625 | 1 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | Butyl benzyl phthalate | n/a | = | 18.7 | µg/L | EPA 625 | 1 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | Butyl benzyl phthalate | n/a | = | 94 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | Butyl benzyl phthalate | n/a | = | 88 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | Butyl benzyl phthalate | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | Butyl benzyl phthalate | n/a | = | 16.4 | µg/L | EPA 625 | 1 | 5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | Butyl benzyl phthalate | n/a | = | 82 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Organic | Chrysene | n/a | = | 20.8 | µg/L | EPA 8270Cm | 0.09 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Organic | Chrysene | n/a | = | 20.8 | µg/L | EPA 8270Cm | 0.09 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Organic | Chrysene | n/a | = | 104 | % | EPA 8270Cm | -88 | -88 | 17 | 168 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Organic | Chrysene | n/a | = | 104 | % | EPA 8270Cm | -88 | -88 | 17 | 168 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Organic | Chrysene | n/a | = | 0.1 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/18/2009 | Organic | Chrysene | n/a | = | 21.1 | µg/L | EPA 8270Cm | 0.09 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/18/2009 | Organic | Chrysene | n/a | = | 105 | % | EPA 8270Cm | -88 | -88 | 17 | 168 | X |
| 2009/10-2 | Lab | method blank | 12/18/2009 | Organic | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Organic | Dibenz(a,h)anthracene | n/a | = | 17.9 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Organic | Dibenz(a,h)anthracene | n/a | = | 16.6 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Organic | Dibenz(a,h)anthracene | n/a | = | 83 | % | EPA 8270Cm | -88 | -88 | 0.1 | 227 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Organic | Dibenz(a,h)anthracene | n/a | = | 90 | % | EPA 8270Cm | -88 | -88 | 0.1 | 227 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Organic | Dibenz(a,h)anthracene | n/a | = | 7 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/18/2009 | Organic | Dibenz(a,h)anthracene | n/a | = | 17.8 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/18/2009 | Organic | Dibenz(a,h)anthracene | n/a | = | 89 | % | EPA 8270Cm | -88 | -88 | 0.1 | 227 | X |
| 2009/10-2 | Lab | method blank | 12/18/2009 | Organic | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | Diethyl phthalate | n/a | = | 17.7 | µg/L | EPA 625 | 0.23 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | Diethyl phthalate | n/a | = | 16.1 | µg/L | EPA 625 | 0.23 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | Diethyl phthalate | n/a | = | 79 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | Diethyl phthalate | n/a | = | 87 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | Diethyl phthalate | n/a | = | 9 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | Diethyl phthalate | n/a | = | 16 | µg/L | EPA 625 | 0.23 | 2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | Diethyl phthalate | n/a | = | 80 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | Dimethyl phthalate | n/a | = | 17.3 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | Dimethyl phthalate | n/a | = | 17.4 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | Dimethyl phthalate | n/a | = | 87 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | Dimethyl phthalate | n/a | = | 86 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | Dimethyl phthalate | n/a | = | 0.6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | Dimethyl phthalate | n/a | = | 17.4 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | Dimethyl phthalate | n/a | = | 87 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | Di-n-butylphthalate | n/a | = | 15.6 | µg/L | EPA 625 | 0.53 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | Di-n-butylphthalate | n/a | = | 16.8 | µg/L | EPA 625 | 0.53 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | Di-n-butylphthalate | n/a | = | 84 | % | EPA 625 | -88 | -88 | 1 | 118 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | Di-n-butylphthalate | n/a | = | 78 | % | EPA 625 | -88 | -88 | 1 | 118 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | Di-n-butylphthalate | n/a | = | 7 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | Di-n-butylphthalate | n/a | = | 16 | µg/L | EPA 625 | 0.53 | 5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | Di-n-butylphthalate | n/a | = | 80 | % | EPA 625 | -88 | -88 | 1 | 118 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|---------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | Di-n-butylphthalate | n/a | < | 0.53 | µg/L | EPA 625 | 0.53 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | Di-n-octylphthalate | n/a | = | 19.3 | µg/L | EPA 625 | 0.28 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | Di-n-octylphthalate | n/a | = | 19.8 | µg/L | EPA 625 | 0.28 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | Di-n-octylphthalate | n/a | = | 99 | % | EPA 625 | -88 | -88 | 6 | 146 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | Di-n-octylphthalate | n/a | = | 96 | % | EPA 625 | -88 | -88 | 6 | 146 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | Di-n-octylphthalate | n/a | = | 3 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | Di-n-octylphthalate | n/a | = | 17.4 | µg/L | EPA 625 | 0.28 | 5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | Di-n-octylphthalate | n/a | = | 87 | % | EPA 625 | -88 | -88 | 6 | 146 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Organic | Fluoranthene | n/a | = | 18.3 | µg/L | EPA 8270Cm | 0.2 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Organic | Fluoranthene | n/a | = | 17.7 | µg/L | EPA 8270Cm | 0.2 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Organic | Fluoranthene | n/a | = | 89 | % | EPA 8270Cm | -88 | -88 | 26 | 137 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Organic | Fluoranthene | n/a | = | 92 | % | EPA 8270Cm | -88 | -88 | 26 | 137 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Organic | Fluoranthene | n/a | = | 3 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/18/2009 | Organic | Fluoranthene | n/a | = | 21 | µg/L | EPA 8270Cm | 0.2 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/18/2009 | Organic | Fluoranthene | n/a | = | 105 | % | EPA 8270Cm | -88 | -88 | 26 | 137 | X |
| 2009/10-2 | Lab | method blank | 12/18/2009 | Organic | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Organic | Fluorene | n/a | = | 18.4 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Organic | Fluorene | n/a | = | 18.6 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Organic | Fluorene | n/a | = | 93 | % | EPA 8270Cm | -88 | -88 | 59 | 121 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Organic | Fluorene | n/a | = | 92 | % | EPA 8270Cm | -88 | -88 | 59 | 121 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Organic | Fluorene | n/a | = | 0.9 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/18/2009 | Organic | Fluorene | n/a | = | 18.6 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/18/2009 | Organic | Fluorene | n/a | = | 93 | % | EPA 8270Cm | -88 | -88 | 59 | 121 | X |
| 2009/10-2 | Lab | method blank | 12/18/2009 | Organic | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | Hexachlorobenzene | n/a | = | 15.2 | µg/L | EPA 625 | 0.15 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | Hexachlorobenzene | n/a | = | 14.3 | µg/L | EPA 625 | 0.15 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | Hexachlorobenzene | n/a | = | 72 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | Hexachlorobenzene | n/a | = | 76 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | Hexachlorobenzene | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | Hexachlorobenzene | n/a | = | 14 | µg/L | EPA 625 | 0.15 | 1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | Hexachlorobenzene | n/a | = | 70 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | Hexachlorobutadiene | n/a | = | 16.2 | µg/L | EPA 625 | 0.41 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | Hexachlorobutadiene | n/a | = | 16.4 | µg/L | EPA 625 | 0.41 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | Hexachlorobutadiene | n/a | = | 82 | % | EPA 625 | -88 | -88 | 24 | 116 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | Hexachlorobutadiene | n/a | = | 81 | % | EPA 625 | -88 | -88 | 24 | 116 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | Hexachlorobutadiene | n/a | = | 1 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | Hexachlorobutadiene | n/a | = | 16.1 | µg/L | EPA 625 | 0.41 | 1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | Hexachlorobutadiene | n/a | = | 81 | % | EPA 625 | -88 | -88 | 24 | 116 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 11.6 | µg/L | EPA 625 | 5 | 10 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 8.21 | µg/L | EPA 625 | 5 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 41 | % | EPA 625 | -88 | -88 | 0.1 | 146 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 58 | % | EPA 625 | -88 | -88 | 0.1 | 146 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 34 | % | EPA 625 | -88 | -88 | 0 | 30 | IL |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 12.5 | µg/L | EPA 625 | 5 | 10 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|--------------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 63 | % | EPA 625 | -88 | -88 | 0.1 | 136 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | Hexachloroethane | n/a | = | 15 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | Hexachloroethane | n/a | = | 14.8 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | Hexachloroethane | n/a | = | 74 | % | EPA 625 | -88 | -88 | 40 | 113 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | Hexachloroethane | n/a | = | 75 | % | EPA 625 | -88 | -88 | 40 | 113 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | Hexachloroethane | n/a | = | 1 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | Hexachloroethane | n/a | = | 14.6 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | Hexachloroethane | n/a | = | 73 | % | EPA 625 | -88 | -88 | 40 | 113 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 17.6 | µg/L | EPA 8270Cm | 0.1 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 16.5 | µg/L | EPA 8270Cm | 0.1 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 82 | % | EPA 8270Cm | -88 | -88 | 0.1 | 171 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 88 | % | EPA 8270Cm | -88 | -88 | 0.1 | 171 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 7 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/18/2009 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 17.7 | µg/L | EPA 8270Cm | 0.1 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/18/2009 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 89 | % | EPA 8270Cm | -88 | -88 | 0.1 | 171 | X |
| 2009/10-2 | Lab | method blank | 12/18/2009 | Organic | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | Isophorone | n/a | = | 14.7 | µg/L | EPA 625 | 0.33 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | Isophorone | n/a | = | 15.2 | µg/L | EPA 625 | 0.33 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | Isophorone | n/a | = | 76 | % | EPA 625 | -88 | -88 | 21 | 196 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | Isophorone | n/a | = | 73 | % | EPA 625 | -88 | -88 | 21 | 196 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | Isophorone | n/a | = | 3 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | Isophorone | n/a | = | 15.4 | µg/L | EPA 625 | 0.33 | 1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | Isophorone | n/a | = | 77 | % | EPA 625 | -88 | -88 | 21 | 196 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | | | X |
| 2009/10-2 | Lab | LCS | 12/9/2009 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 6.32 | µg/L | EPA 524.2 | 1.1 | 3 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/9/2009 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 6.39 | µg/L | EPA 524.2 | 1.1 | 3 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/9/2009 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 106 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | Lab | LCS, rec | 12/9/2009 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 105 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/9/2009 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 1 | % | EPA 524.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | method blank | 12/9/2009 | Organic | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | | | X |
| 2009/10-2 | MO-OJA | field duplicate | 12/9/2009 | Organic | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Organic | Naphthalene | n/a | = | 15.8 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Organic | Naphthalene | n/a | = | 16.1 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Organic | Naphthalene | n/a | = | 80 | % | EPA 8270Cm | -88 | -88 | 21 | 133 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Organic | Naphthalene | n/a | = | 79 | % | EPA 8270Cm | -88 | -88 | 21 | 133 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Organic | Naphthalene | n/a | = | 2 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/18/2009 | Organic | Naphthalene | n/a | = | 16.2 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/18/2009 | Organic | Naphthalene | n/a | = | 81 | % | EPA 8270Cm | -88 | -88 | 21 | 133 | X |
| 2009/10-2 | Lab | method blank | 12/18/2009 | Organic | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | Nitrobenzene | n/a | = | 15 | µg/L | EPA 625 | 0.37 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | Nitrobenzene | n/a | = | 15.7 | µg/L | EPA 625 | 0.37 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | Nitrobenzene | n/a | = | 78 | % | EPA 625 | -88 | -88 | 35 | 180 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | Nitrobenzene | n/a | = | 75 | % | EPA 625 | -88 | -88 | 35 | 180 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | Nitrobenzene | n/a | = | 4 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | Nitrobenzene | n/a | = | 15.8 | µg/L | EPA 625 | 0.37 | 1 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|----------------------------|---------------|----------------|------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | Nitrobenzene | n/a | = | 79 | % | EPA 625 | -88 | -88 | 35 | 180 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 18 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 17.7 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup, rec | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 88 | % | EPA 8270Cm | -88 | -88 | 41 | 143 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike, rec | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 90 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike | 1/4/2010 | Organic | Nitrobenzene-d5 | n/a | = | 17.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup | 1/4/2010 | Organic | Nitrobenzene-d5 | n/a | = | 17.6 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup, rec | 1/4/2010 | Organic | Nitrobenzene-d5 | n/a | = | 88 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike, rec | 1/4/2010 | Organic | Nitrobenzene-d5 | n/a | = | 86 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-2 | Lab | srgt LCS | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 19.4 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt LCS, rec | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 97 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-2 | Lab | srgt method blank | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 17.5 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt method blank, rec | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 87 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-2 | Lab | srgt LCS | 1/4/2010 | Organic | Nitrobenzene-d5 | n/a | = | 18 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt LCS, rec | 1/4/2010 | Organic | Nitrobenzene-d5 | n/a | = | 90 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-2 | Lab | srgt method blank | 1/4/2010 | Organic | Nitrobenzene-d5 | n/a | = | 16.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt method blank, rec | 1/4/2010 | Organic | Nitrobenzene-d5 | n/a | = | 83 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-2 | ME-CC | srgt environ | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 18.6 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | ME-CC | srgt environ, rec | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 93 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-2 | ME-CC | srgt environ | 1/4/2010 | Organic | Nitrobenzene-d5 | n/a | = | 18.3 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | ME-CC | srgt environ, rec | 1/4/2010 | Organic | Nitrobenzene-d5 | n/a | = | 91 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-2 | ME-SCR | srgt environ | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 16.7 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | ME-SCR | srgt environ, rec | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 83 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-2 | ME-SCR | srgt environ | 1/4/2010 | Organic | Nitrobenzene-d5 | n/a | = | 16.4 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | ME-SCR | srgt environ, rec | 1/4/2010 | Organic | Nitrobenzene-d5 | n/a | = | 82 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-2 | ME-VR2 | srgt environ | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 35.4 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | ME-VR2 | srgt environ, rec | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 88 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-2 | ME-VR2 | srgt environ | 1/5/2010 | Organic | Nitrobenzene-d5 | n/a | = | 35.6 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | ME-VR2 | srgt environ, rec | 1/5/2010 | Organic | Nitrobenzene-d5 | n/a | = | 89 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-2 | MO-CAM | srgt environ | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 32.1 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-CAM | srgt environ, rec | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 80 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-2 | MO-CAM | srgt environ | 1/5/2010 | Organic | Nitrobenzene-d5 | n/a | = | 31.8 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | MO-CAM | srgt environ, rec | 1/5/2010 | Organic | Nitrobenzene-d5 | n/a | = | 80 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-2 | MO-MEI | srgt environ | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 18.4 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-MEI | srgt environ, rec | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 92 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-2 | MO-MEI | srgt environ | 1/5/2010 | Organic | Nitrobenzene-d5 | n/a | = | 19.3 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | MO-MEI | srgt environ, rec | 1/5/2010 | Organic | Nitrobenzene-d5 | n/a | = | 96 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-2 | MO-OJA | srgt environ | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 17.4 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 87 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-2 | MO-OJA | srgt environ | 1/5/2010 | Organic | Nitrobenzene-d5 | n/a | = | 17.4 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 1/5/2010 | Organic | Nitrobenzene-d5 | n/a | = | 87 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-2 | MO-VEN | srgt environ | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 17.8 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-VEN | srgt environ, rec | 12/18/2009 | Organic | Nitrobenzene-d5 | n/a | = | 89 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-2 | MO-VEN | srgt environ | 1/5/2010 | Organic | Nitrobenzene-d5 | n/a | = | 18.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | MO-VEN | srgt environ, rec | 1/5/2010 | Organic | Nitrobenzene-d5 | n/a | = | 92 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 8.47 | µg/L | EPA 625 | 0.36 | 5 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|----------------------------|---------------|----------------|---------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 9.01 | µg/L | EPA 625 | 0.36 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 45 | % | EPA 625 | -88 | -88 | 22 | 70 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 42 | % | EPA 625 | -88 | -88 | 22 | 70 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 9.13 | µg/L | EPA 625 | 0.36 | 5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 46 | % | EPA 625 | -88 | -88 | 27 | 78 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 15.1 | µg/L | EPA 625 | 0.41 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 15.7 | µg/L | EPA 625 | 0.41 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 78 | % | EPA 625 | -88 | -88 | 0.1 | 230 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 76 | % | EPA 625 | -88 | -88 | 0.1 | 230 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 4 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 15.8 | µg/L | EPA 625 | 0.41 | 5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 79 | % | EPA 625 | -88 | -88 | 0.1 | 230 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 1/4/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 13 | µg/L | EPA 625 | 0.23 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 1/4/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 12.1 | µg/L | EPA 625 | 0.23 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 1/4/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 61 | % | EPA 625 | -88 | -88 | 17 | 138 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 1/4/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 65 | % | EPA 625 | -88 | -88 | 17 | 138 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 1/4/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 7 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 1/4/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 13.8 | µg/L | EPA 625 | 0.23 | 1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 1/4/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 69 | % | EPA 625 | -88 | -88 | 48 | 129 | X |
| 2009/10-2 | Lab | method blank | 1/4/2010 | Organic | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 2.76 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 2.25 | µg/L | EPA 525.2 | -88 | -88 | | | M |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup, rec | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 45 | % | EPA 525.2 | -88 | -88 | 48 | 141 | GN |
| 2009/10-2 | 000NONPJ | srgt matrix spike, rec | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 55 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-2 | Lab | srgt LCS | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 5.16 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt LCS, rec | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 103 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-2 | Lab | srgt method blank | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 4.32 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt method blank, rec | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 86 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-2 | ME-CC | srgt environ | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 9.94 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | ME-CC | srgt environ, rec | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 199 | % | EPA 525.2 | -88 | -88 | 48 | 141 | GN |
| 2009/10-2 | ME-SCR | srgt environ | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 1.51 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | ME-SCR | srgt environ, rec | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 30 | % | EPA 525.2 | -88 | -88 | 48 | 141 | GN |
| 2009/10-2 | ME-VR2 | srgt environ | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 4.24 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | ME-VR2 | srgt environ, rec | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 85 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-2 | MO-CAM | srgt environ | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 7.52 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | MO-CAM | srgt environ, rec | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 75 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-2 | MO-MEI | srgt environ | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 2.26 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | MO-MEI | srgt environ, rec | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 45 | % | EPA 525.2 | -88 | -88 | 48 | 141 | GN |
| 2009/10-2 | MO-OJA | srgt environ | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 2.62 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 52 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-2 | MO-VEN | srgt environ | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 1.5 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | MO-VEN | srgt environ, rec | 12/15/2009 | Organic | Perylene-d12 | n/a | = | 30 | % | EPA 525.2 | -88 | -88 | 48 | 141 | GN |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Organic | Phenanthrene | n/a | = | 18.8 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Organic | Phenanthrene | n/a | = | 18.9 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|----------------------------|---------------|----------------|--------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Organic | Phenanthrene | n/a | = | 94 | % | EPA 8270Cm | -88 | -88 | 54 | 120 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Organic | Phenanthrene | n/a | = | 94 | % | EPA 8270Cm | -88 | -88 | 54 | 120 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Organic | Phenanthrene | n/a | = | 0.05 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/18/2009 | Organic | Phenanthrene | n/a | = | 18.6 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/18/2009 | Organic | Phenanthrene | n/a | = | 93 | % | EPA 8270Cm | -88 | -88 | 54 | 120 | X |
| 2009/10-2 | Lab | method blank | 12/18/2009 | Organic | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/22/2009 | Organic | Phenol | n/a | = | 4.02 | µg/L | EPA 8270Cm | 0.35 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/22/2009 | Organic | Phenol | n/a | = | 4.37 | µg/L | EPA 8270Cm | 0.35 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/22/2009 | Organic | Phenol | n/a | = | 22 | % | EPA 8270Cm | -88 | -88 | 14 | 50 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/22/2009 | Organic | Phenol | n/a | = | 20 | % | EPA 8270Cm | -88 | -88 | 14 | 50 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/22/2009 | Organic | Phenol | n/a | = | 8 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Organic | Phenol | n/a | = | 4.54 | µg/L | EPA 8270Cm | 0.35 | 1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Organic | Phenol | n/a | = | 23 | % | EPA 8270Cm | -88 | -88 | 36 | 65 | EUM |
| 2009/10-2 | Lab | method blank | 12/22/2009 | Organic | Phenol | n/a | < | 0.35 | µg/L | EPA 8270Cm | 0.35 | 1 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 7.16 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 7.79 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup, rec | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 19 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike, rec | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 18 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike | 1/4/2010 | Organic | Phenol-d5 | n/a | = | 10.3 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup | 1/4/2010 | Organic | Phenol-d5 | n/a | = | 11.3 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup, rec | 1/4/2010 | Organic | Phenol-d5 | n/a | = | 28 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike, rec | 1/4/2010 | Organic | Phenol-d5 | n/a | = | 26 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-2 | Lab | srgt LCS | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 8.37 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt LCS, rec | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 21 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-2 | Lab | srgt method blank | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 8.56 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt method blank, rec | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 21 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-2 | Lab | srgt LCS | 1/4/2010 | Organic | Phenol-d5 | n/a | = | 12.2 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt LCS, rec | 1/4/2010 | Organic | Phenol-d5 | n/a | = | 30 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-2 | Lab | srgt method blank | 1/4/2010 | Organic | Phenol-d5 | n/a | = | 12 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt method blank, rec | 1/4/2010 | Organic | Phenol-d5 | n/a | = | 30 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-2 | ME-CC | srgt environ | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 7.02 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | ME-CC | srgt environ, rec | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 18 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-2 | ME-CC | srgt environ | 1/4/2010 | Organic | Phenol-d5 | n/a | = | 10.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | ME-CC | srgt environ, rec | 1/4/2010 | Organic | Phenol-d5 | n/a | = | 25 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-2 | ME-SCR | srgt environ | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 6.61 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | ME-SCR | srgt environ, rec | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 17 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-2 | ME-SCR | srgt environ | 1/4/2010 | Organic | Phenol-d5 | n/a | = | 9.67 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | ME-SCR | srgt environ, rec | 1/4/2010 | Organic | Phenol-d5 | n/a | = | 24 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-2 | ME-VR2 | srgt environ | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 16.8 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | ME-VR2 | srgt environ, rec | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 21 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-2 | ME-VR2 | srgt environ | 1/5/2010 | Organic | Phenol-d5 | n/a | = | 24.3 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | ME-VR2 | srgt environ, rec | 1/5/2010 | Organic | Phenol-d5 | n/a | = | 30 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-2 | MO-CAM | srgt environ | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 15.4 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-CAM | srgt environ, rec | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 19 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-2 | MO-CAM | srgt environ | 1/5/2010 | Organic | Phenol-d5 | n/a | = | 22.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | MO-CAM | srgt environ, rec | 1/5/2010 | Organic | Phenol-d5 | n/a | = | 28 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-2 | MO-MEI | srgt environ | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 8.47 | µg/L | EPA 8270Cm | -88 | -88 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|----------------------------|---------------|----------------|-----------------|----------|------|--------|-------|------------|-----|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | MO-MEI | srgt environ, rec | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 21 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-2 | MO-MEI | srgt environ | 1/5/2010 | Organic | Phenol-d5 | n/a | = | 12.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | MO-MEI | srgt environ, rec | 1/5/2010 | Organic | Phenol-d5 | n/a | = | 31 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-2 | MO-OJA | srgt environ | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 7.88 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 20 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-2 | MO-OJA | srgt environ | 1/5/2010 | Organic | Phenol-d5 | n/a | = | 11.6 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 1/5/2010 | Organic | Phenol-d5 | n/a | = | 29 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-2 | MO-VEN | srgt environ | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 9.62 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-VEN | srgt environ, rec | 12/22/2009 | Organic | Phenol-d5 | n/a | = | 24 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-2 | MO-VEN | srgt environ | 1/5/2010 | Organic | Phenol-d5 | n/a | = | 13.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | MO-VEN | srgt environ, rec | 1/5/2010 | Organic | Phenol-d5 | n/a | = | 34 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 16.7 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 15.7 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup, rec | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 78 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike, rec | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 83 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike | 1/4/2010 | Organic | p-Terphenyl-d14 | n/a | = | 14.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup | 1/4/2010 | Organic | p-Terphenyl-d14 | n/a | = | 15.6 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup, rec | 1/4/2010 | Organic | p-Terphenyl-d14 | n/a | = | 78 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike, rec | 1/4/2010 | Organic | p-Terphenyl-d14 | n/a | = | 73 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-2 | Lab | srgt LCS | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 20.4 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt LCS, rec | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 102 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-2 | Lab | srgt method blank | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 19.5 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt method blank, rec | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 97 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-2 | Lab | srgt LCS | 1/4/2010 | Organic | p-Terphenyl-d14 | n/a | = | 15.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt LCS, rec | 1/4/2010 | Organic | p-Terphenyl-d14 | n/a | = | 77 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-2 | Lab | srgt method blank | 1/4/2010 | Organic | p-Terphenyl-d14 | n/a | = | 15.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt method blank, rec | 1/4/2010 | Organic | p-Terphenyl-d14 | n/a | = | 78 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-2 | ME-CC | srgt environ | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 16.2 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | ME-CC | srgt environ, rec | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 81 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-2 | ME-CC | srgt environ | 1/4/2010 | Organic | p-Terphenyl-d14 | n/a | = | 15 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | ME-CC | srgt environ, rec | 1/4/2010 | Organic | p-Terphenyl-d14 | n/a | = | 75 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-2 | ME-SCR | srgt environ | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 17.6 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | ME-SCR | srgt environ, rec | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 88 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-2 | ME-SCR | srgt environ | 1/4/2010 | Organic | p-Terphenyl-d14 | n/a | = | 14.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | ME-SCR | srgt environ, rec | 1/4/2010 | Organic | p-Terphenyl-d14 | n/a | = | 72 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-2 | ME-VR2 | srgt environ | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 39.1 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | ME-VR2 | srgt environ, rec | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 98 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-2 | ME-VR2 | srgt environ | 1/5/2010 | Organic | p-Terphenyl-d14 | n/a | = | 32.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | ME-VR2 | srgt environ, rec | 1/5/2010 | Organic | p-Terphenyl-d14 | n/a | = | 81 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-2 | MO-CAM | srgt environ | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 35.7 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-CAM | srgt environ, rec | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 89 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-2 | MO-CAM | srgt environ | 1/5/2010 | Organic | p-Terphenyl-d14 | n/a | = | 30 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | MO-CAM | srgt environ, rec | 1/5/2010 | Organic | p-Terphenyl-d14 | n/a | = | 75 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-2 | MO-MEI | srgt environ | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 17.3 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-MEI | srgt environ, rec | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 86 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-2 | MO-MEI | srgt environ | 1/5/2010 | Organic | p-Terphenyl-d14 | n/a | = | 16.3 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | MO-MEI | srgt environ, rec | 1/5/2010 | Organic | p-Terphenyl-d14 | n/a | = | 82 | % | EPA 625 | -88 | -88 | 6 | 145 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|----------------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | MO-OJA | srgt environ | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 17.2 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 86 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-2 | MO-OJA | srgt environ | 1/5/2010 | Organic | p-Terphenyl-d14 | n/a | = | 14.9 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 1/5/2010 | Organic | p-Terphenyl-d14 | n/a | = | 75 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-2 | MO-VEN | srgt environ | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 16.8 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-2 | MO-VEN | srgt environ, rec | 12/18/2009 | Organic | p-Terphenyl-d14 | n/a | = | 84 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-2 | MO-VEN | srgt environ | 1/5/2010 | Organic | p-Terphenyl-d14 | n/a | = | 16.8 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-2 | MO-VEN | srgt environ, rec | 1/5/2010 | Organic | p-Terphenyl-d14 | n/a | = | 84 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/18/2009 | Organic | Pyrene | n/a | = | 18.1 | µg/L | EPA 8270Cm | 0.21 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/18/2009 | Organic | Pyrene | n/a | = | 17.3 | µg/L | EPA 8270Cm | 0.21 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/18/2009 | Organic | Pyrene | n/a | = | 86 | % | EPA 8270Cm | -88 | -88 | 52 | 115 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/18/2009 | Organic | Pyrene | n/a | = | 91 | % | EPA 8270Cm | -88 | -88 | 52 | 115 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/18/2009 | Organic | Pyrene | n/a | = | 5 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/18/2009 | Organic | Pyrene | n/a | = | 21.4 | µg/L | EPA 8270Cm | 0.21 | 0.5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/18/2009 | Organic | Pyrene | n/a | = | 107 | % | EPA 8270Cm | -88 | -88 | 52 | 115 | X |
| 2009/10-2 | Lab | method blank | 12/18/2009 | Organic | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike | 12/17/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0656 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup | 12/17/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0646 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup, rec | 12/17/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 65 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike, rec | 12/17/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 66 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-2 | Lab | srgt LCS | 12/17/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.437 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt LCS, rec | 12/17/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 87 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-2 | Lab | srgt method blank | 12/17/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.449 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt method blank, rec | 12/17/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 90 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-2 | ME-CC | srgt environ | 12/21/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0562 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | ME-CC | srgt environ, rec | 12/21/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 56 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-2 | ME-SCR | srgt environ | 12/17/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0606 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | ME-SCR | srgt environ, rec | 12/17/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 61 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-2 | ME-VR2 | srgt environ | 12/17/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0635 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | ME-VR2 | srgt environ, rec | 12/17/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 64 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-2 | MO-CAM | srgt environ | 12/21/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0435 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | MO-CAM | srgt environ, rec | 12/21/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 44 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-2 | MO-MEI | srgt environ | 12/17/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0501 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | MO-MEI | srgt environ, rec | 12/17/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 50 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-2 | MO-OJA | srgt environ | 12/17/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0589 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 12/17/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 59 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-2 | MO-VEN | srgt environ | 12/21/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0371 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | MO-VEN | srgt environ, rec | 12/21/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 37 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 5.7 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 5.6 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup, rec | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 112 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike, rec | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 114 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-2 | Lab | srgt LCS | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 5.75 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt LCS, rec | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 115 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-2 | Lab | srgt method blank | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 4.93 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt method blank, rec | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-2 | Lab | srgt LCS | 12/27/2009 | Organic | Triphenylphosphate | n/a | = | 0.539 | µg/L | EPA 525.2 | -88 | -88 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|----------------------------|---------------|----------------|--------------------|----------|------|--------|-------|-----------|-----|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | Lab | srgt LCS dup | 12/27/2009 | Organic | Triphenylphosphate | n/a | = | 0.536 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt LCS dup, rec | 12/27/2009 | Organic | Triphenylphosphate | n/a | = | 107 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-2 | Lab | srgt LCS, rec | 12/27/2009 | Organic | Triphenylphosphate | n/a | = | 108 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-2 | Lab | srgt method blank | 12/27/2009 | Organic | Triphenylphosphate | n/a | = | 0.53 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt method blank, rec | 12/27/2009 | Organic | Triphenylphosphate | n/a | = | 106 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-2 | ME-CC | srgt environ | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 9.15 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | ME-CC | srgt environ, rec | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 183 | % | EPA 525.2 | -88 | -88 | 71 | 150 | GN |
| 2009/10-2 | ME-CC | srgt environ | 12/27/2009 | Organic | Triphenylphosphate | n/a | = | 0.973 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | ME-CC | srgt environ, rec | 12/27/2009 | Organic | Triphenylphosphate | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-2 | ME-SCR | srgt environ | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 5.88 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | ME-SCR | srgt environ, rec | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 118 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-2 | ME-SCR | srgt environ | 12/27/2009 | Organic | Triphenylphosphate | n/a | = | 0.946 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | ME-SCR | srgt environ, rec | 12/27/2009 | Organic | Triphenylphosphate | n/a | = | 95 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-2 | ME-VR2 | srgt environ | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 5.67 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | ME-VR2 | srgt environ, rec | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 113 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-2 | ME-VR2 | srgt environ | 12/27/2009 | Organic | Triphenylphosphate | n/a | = | 1.03 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | ME-VR2 | srgt environ, rec | 12/27/2009 | Organic | Triphenylphosphate | n/a | = | 103 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-2 | MO-CAM | srgt environ | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 10.9 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | MO-CAM | srgt environ, rec | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 109 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-2 | MO-CAM | srgt environ | 12/27/2009 | Organic | Triphenylphosphate | n/a | = | 0.961 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | MO-CAM | srgt environ, rec | 12/27/2009 | Organic | Triphenylphosphate | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-2 | MO-MEI | srgt environ | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 5.39 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | MO-MEI | srgt environ, rec | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 108 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-2 | MO-MEI | srgt environ | 12/27/2009 | Organic | Triphenylphosphate | n/a | = | 0.922 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | MO-MEI | srgt environ, rec | 12/27/2009 | Organic | Triphenylphosphate | n/a | = | 92 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-2 | MO-OJA | srgt environ | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 5.61 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 112 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-2 | MO-OJA | srgt environ | 12/27/2009 | Organic | Triphenylphosphate | n/a | = | 0.945 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 12/27/2009 | Organic | Triphenylphosphate | n/a | = | 94 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-2 | MO-VEN | srgt environ | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 5.87 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | MO-VEN | srgt environ, rec | 12/15/2009 | Organic | Triphenylphosphate | n/a | = | 117 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-2 | MO-VEN | srgt environ | 12/27/2009 | Organic | Triphenylphosphate | n/a | = | 0.833 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-2 | MO-VEN | srgt environ, rec | 12/27/2009 | Organic | Triphenylphosphate | n/a | = | 83 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike | 12/17/2009 | PCB | PCB 209 | n/a | = | 0.0346 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup | 12/17/2009 | PCB | PCB 209 | n/a | = | 0.0369 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike dup, rec | 12/17/2009 | PCB | PCB 209 | n/a | = | 37 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-2 | 000NONPJ | srgt matrix spike, rec | 12/17/2009 | PCB | PCB 209 | n/a | = | 35 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-2 | Lab | srgt LCS | 12/17/2009 | PCB | PCB 209 | n/a | = | 0.403 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt LCS, rec | 12/17/2009 | PCB | PCB 209 | n/a | = | 81 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-2 | Lab | srgt method blank | 12/17/2009 | PCB | PCB 209 | n/a | = | 0.354 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | Lab | srgt method blank, rec | 12/17/2009 | PCB | PCB 209 | n/a | = | 71 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-2 | ME-CC | srgt environ | 12/21/2009 | PCB | PCB 209 | n/a | = | 0.0479 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | ME-CC | srgt environ, rec | 12/21/2009 | PCB | PCB 209 | n/a | = | 48 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-2 | ME-SCR | srgt environ | 12/17/2009 | PCB | PCB 209 | n/a | = | 0.0349 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | ME-SCR | srgt environ, rec | 12/17/2009 | PCB | PCB 209 | n/a | = | 35 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-2 | ME-VR2 | srgt environ | 12/17/2009 | PCB | PCB 209 | n/a | = | 0.0479 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | ME-VR2 | srgt environ, rec | 12/17/2009 | PCB | PCB 209 | n/a | = | 48 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|------------------|----------|------|--------|-------|-----------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | MO-CAM | srgt environ | 12/21/2009 | PCB | PCB 209 | n/a | = | 0.0395 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | MO-CAM | srgt environ, rec | 12/21/2009 | PCB | PCB 209 | n/a | = | 39 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-2 | MO-MEI | srgt environ | 12/17/2009 | PCB | PCB 209 | n/a | = | 0.0349 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | MO-MEI | srgt environ, rec | 12/17/2009 | PCB | PCB 209 | n/a | = | 35 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-2 | MO-OJA | srgt environ | 12/17/2009 | PCB | PCB 209 | n/a | = | 0.044 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | MO-OJA | srgt environ, rec | 12/17/2009 | PCB | PCB 209 | n/a | = | 44 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-2 | MO-VEN | srgt environ | 12/21/2009 | PCB | PCB 209 | n/a | = | 0.0309 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-2 | MO-VEN | srgt environ, rec | 12/21/2009 | PCB | PCB 209 | n/a | = | 31 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | PCB | PCB Aroclor 1016 | n/a | < | 0.25 | µg/L | EPA 608 | 0.25 | 2.5 | | | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | PCB | PCB Aroclor 1221 | n/a | < | 0.3 | µg/L | EPA 608 | 0.3 | 2.5 | | | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | PCB | PCB Aroclor 1232 | n/a | < | 0.75 | µg/L | EPA 608 | 0.75 | 2.5 | | | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | PCB | PCB Aroclor 1242 | n/a | < | 0.35 | µg/L | EPA 608 | 0.35 | 2.5 | | | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | PCB | PCB Aroclor 1248 | n/a | < | 0.3 | µg/L | EPA 608 | 0.3 | 2.5 | | | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | PCB | PCB Aroclor 1254 | n/a | < | 0.2 | µg/L | EPA 608 | 0.2 | 2.5 | | | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | PCB | PCB Aroclor 1260 | n/a | < | 0.2 | µg/L | EPA 608 | 0.2 | 2.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/22/2009 | Pesticide | 2,4,5-T | n/a | = | 2.17 | µg/L | EPA 515.3 | 0.05 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/22/2009 | Pesticide | 2,4,5-T | n/a | = | 2.15 | µg/L | EPA 515.3 | 0.05 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/22/2009 | Pesticide | 2,4,5-T | n/a | = | 107 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/22/2009 | Pesticide | 2,4,5-T | n/a | = | 109 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/22/2009 | Pesticide | 2,4,5-T | n/a | = | 1 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | method blank | 12/11/2009 | Pesticide | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | | | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Pesticide | 2,4,5-T | n/a | = | 1.96 | µg/L | EPA 515.3 | 0.05 | 0.2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Pesticide | 2,4,5-T | n/a | = | 98 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/22/2009 | Pesticide | 2,4,5-TP | n/a | = | 2.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/22/2009 | Pesticide | 2,4,5-TP | n/a | = | 2.07 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/22/2009 | Pesticide | 2,4,5-TP | n/a | = | 104 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/22/2009 | Pesticide | 2,4,5-TP | n/a | = | 101 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/22/2009 | Pesticide | 2,4,5-TP | n/a | = | 2 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | method blank | 12/11/2009 | Pesticide | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Pesticide | 2,4,5-TP | n/a | = | 2.14 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Pesticide | 2,4,5-TP | n/a | = | 107 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/22/2009 | Pesticide | 2,4-D | n/a | = | 4.36 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/22/2009 | Pesticide | 2,4-D | n/a | = | 4.77 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/22/2009 | Pesticide | 2,4-D | n/a | = | 238 | % | EPA 515.3 | -88 | -88 | 70 | 130 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/22/2009 | Pesticide | 2,4-D | n/a | = | 218 | % | EPA 515.3 | -88 | -88 | 70 | 130 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/22/2009 | Pesticide | 2,4-D | n/a | = | 9 | % | EPA 515.3 | -88 | -88 | 0 | 30 | M |
| 2009/10-2 | Lab | method blank | 12/11/2009 | Pesticide | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Pesticide | 2,4-D | n/a | = | 2.08 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Pesticide | 2,4-D | n/a | = | 104 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/22/2009 | Pesticide | 2,4-DB | n/a | = | 2.33 | µg/L | EPA 515.3 | 0.42 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/22/2009 | Pesticide | 2,4-DB | n/a | = | 2.33 | µg/L | EPA 515.3 | 0.42 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/22/2009 | Pesticide | 2,4-DB | n/a | = | 117 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/22/2009 | Pesticide | 2,4-DB | n/a | = | 117 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/22/2009 | Pesticide | 2,4-DB | n/a | = | 0.09 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | method blank | 12/11/2009 | Pesticide | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | | | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Pesticide | 2,4-DB | n/a | = | 2.38 | µg/L | EPA 515.3 | 0.42 | 2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Pesticide | 2,4-DB | n/a | = | 119 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|--------------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | 2,4'-DDD | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.05 | | | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | 2,4'-DDE | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.05 | | | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | 2,4'-DDT | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.05 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/22/2009 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 2.53 | µg/L | EPA 515.3 | 0.08 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/22/2009 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 2.52 | µg/L | EPA 515.3 | 0.08 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/22/2009 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 126 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/22/2009 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 127 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/22/2009 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 0.6 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | method blank | 12/11/2009 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | | | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 1.9 | µg/L | EPA 515.3 | 0.08 | 1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 95 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/17/2009 | Pesticide | 4,4'-DDD | n/a | = | 0.101 | µg/L | EPA 608 | 0.003 | 0.05 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/17/2009 | Pesticide | 4,4'-DDD | n/a | = | 0.0973 | µg/L | EPA 608 | 0.003 | 0.05 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/17/2009 | Pesticide | 4,4'-DDD | n/a | = | 97 | % | EPA 608 | -88 | -88 | 31 | 141 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/17/2009 | Pesticide | 4,4'-DDD | n/a | = | 101 | % | EPA 608 | -88 | -88 | 31 | 141 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/17/2009 | Pesticide | 4,4'-DDD | n/a | = | 4 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/17/2009 | Pesticide | 4,4'-DDD | n/a | = | 0.651 | µg/L | EPA 608 | 0.015 | 0.25 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/17/2009 | Pesticide | 4,4'-DDD | n/a | = | 130 | % | EPA 608 | -88 | -88 | 30 | 141 | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | 4,4'-DDD | n/a | < | 0.015 | µg/L | EPA 608 | 0.015 | 0.25 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/17/2009 | Pesticide | 4,4'-DDE | n/a | = | 0.0843 | µg/L | EPA 608 | 0.0025 | 0.05 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/17/2009 | Pesticide | 4,4'-DDE | n/a | = | 0.0775 | µg/L | EPA 608 | 0.0025 | 0.05 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/17/2009 | Pesticide | 4,4'-DDE | n/a | = | 78 | % | EPA 608 | -88 | -88 | 30 | 145 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/17/2009 | Pesticide | 4,4'-DDE | n/a | = | 84 | % | EPA 608 | -88 | -88 | 30 | 145 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/17/2009 | Pesticide | 4,4'-DDE | n/a | = | 8 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/17/2009 | Pesticide | 4,4'-DDE | n/a | = | 0.547 | µg/L | EPA 608 | 0.012 | 0.25 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/17/2009 | Pesticide | 4,4'-DDE | n/a | = | 109 | % | EPA 608 | -88 | -88 | 30 | 145 | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | 4,4'-DDE | n/a | < | 0.012 | µg/L | EPA 608 | 0.012 | 0.25 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/17/2009 | Pesticide | 4,4'-DDT | n/a | = | 0.0662 | µg/L | EPA 608 | 0.0031 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/17/2009 | Pesticide | 4,4'-DDT | n/a | = | 0.0528 | µg/L | EPA 608 | 0.0031 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/17/2009 | Pesticide | 4,4'-DDT | n/a | = | 53 | % | EPA 608 | -88 | -88 | 25 | 160 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/17/2009 | Pesticide | 4,4'-DDT | n/a | = | 66 | % | EPA 608 | -88 | -88 | 25 | 160 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/17/2009 | Pesticide | 4,4'-DDT | n/a | = | 22 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/17/2009 | Pesticide | 4,4'-DDT | n/a | = | 0.347 | µg/L | EPA 608 | 0.016 | 0.05 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/17/2009 | Pesticide | 4,4'-DDT | n/a | = | 69 | % | EPA 608 | -88 | -88 | 25 | 160 | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | 4,4'-DDT | n/a | < | 0.016 | µg/L | EPA 608 | 0.016 | 0.05 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/22/2009 | Pesticide | Acifluorfen | n/a | = | 2.16 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/22/2009 | Pesticide | Acifluorfen | n/a | = | 2.5 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/22/2009 | Pesticide | Acifluorfen | n/a | = | 125 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/22/2009 | Pesticide | Acifluorfen | n/a | = | 108 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/22/2009 | Pesticide | Acifluorfen | n/a | = | 15 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | method blank | 12/11/2009 | Pesticide | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Pesticide | Acifluorfen | n/a | = | 2.27 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Pesticide | Acifluorfen | n/a | = | 114 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Pesticide | Alachlor | n/a | = | 5.5 | µg/L | EPA 525.2 | 0.07 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Pesticide | Alachlor | n/a | = | 4.82 | µg/L | EPA 525.2 | 0.07 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Pesticide | Alachlor | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 58 | 177 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Pesticide | Alachlor | n/a | = | 110 | % | EPA 525.2 | -88 | -88 | 58 | 177 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-----------------|----------|------|--------|-------|-----------|--------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Pesticide | Alachlor | n/a | = | 13 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Pesticide | Alachlor | n/a | = | 3.84 | µg/L | EPA 525.2 | 0.07 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Pesticide | Alachlor | n/a | = | 77 | % | EPA 525.2 | -88 | -88 | 58 | 164 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Pesticide | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/17/2009 | Pesticide | Aldrin | n/a | = | 0.0795 | µg/L | EPA 608 | 0.0015 | 0.005 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/17/2009 | Pesticide | Aldrin | n/a | = | 0.0724 | µg/L | EPA 608 | 0.0015 | 0.005 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/17/2009 | Pesticide | Aldrin | n/a | = | 72 | % | EPA 608 | -88 | -88 | 42 | 122 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/17/2009 | Pesticide | Aldrin | n/a | = | 79 | % | EPA 608 | -88 | -88 | 42 | 122 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/17/2009 | Pesticide | Aldrin | n/a | = | 9 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/17/2009 | Pesticide | Aldrin | n/a | = | 0.548 | µg/L | EPA 608 | 0.0075 | 0.025 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/17/2009 | Pesticide | Aldrin | n/a | = | 110 | % | EPA 608 | -88 | -88 | 42 | 122 | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | Aldrin | n/a | < | 0.0075 | µg/L | EPA 608 | 0.0075 | 0.025 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/17/2009 | Pesticide | alpha-BHC | n/a | = | 0.0938 | µg/L | EPA 608 | 0.0018 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/17/2009 | Pesticide | alpha-BHC | n/a | = | 0.0885 | µg/L | EPA 608 | 0.0018 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/17/2009 | Pesticide | alpha-BHC | n/a | = | 89 | % | EPA 608 | -88 | -88 | 37 | 134 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/17/2009 | Pesticide | alpha-BHC | n/a | = | 94 | % | EPA 608 | -88 | -88 | 37 | 134 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/17/2009 | Pesticide | alpha-BHC | n/a | = | 6 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/17/2009 | Pesticide | alpha-BHC | n/a | = | 0.537 | µg/L | EPA 608 | 0.009 | 0.05 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/17/2009 | Pesticide | alpha-BHC | n/a | = | 107 | % | EPA 608 | -88 | -88 | 37 | 134 | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | alpha-BHC | n/a | < | 0.009 | µg/L | EPA 608 | 0.009 | 0.05 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/17/2009 | Pesticide | alpha-Chlordane | n/a | = | 0.0844 | µg/L | EPA 608 | 0.01 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/17/2009 | Pesticide | alpha-Chlordane | n/a | = | 0.0792 | µg/L | EPA 608 | 0.01 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/17/2009 | Pesticide | alpha-Chlordane | n/a | = | 79 | % | EPA 608 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/17/2009 | Pesticide | alpha-Chlordane | n/a | = | 84 | % | EPA 608 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/17/2009 | Pesticide | alpha-Chlordane | n/a | = | 6 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/17/2009 | Pesticide | alpha-Chlordane | n/a | = | 0.565 | µg/L | EPA 608 | 0.05 | 0.05 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/17/2009 | Pesticide | alpha-Chlordane | n/a | = | 113 | % | EPA 608 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | alpha-Chlordane | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.05 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Pesticide | Atrazine | n/a | = | 5.48 | µg/L | EPA 525.2 | 0.047 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Pesticide | Atrazine | n/a | = | 6.03 | µg/L | EPA 525.2 | 0.047 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Pesticide | Atrazine | n/a | = | 121 | % | EPA 525.2 | -88 | -88 | 53 | 142 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Pesticide | Atrazine | n/a | = | 110 | % | EPA 525.2 | -88 | -88 | 53 | 142 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Pesticide | Atrazine | n/a | = | 10 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Pesticide | Atrazine | n/a | = | 5.8 | µg/L | EPA 525.2 | 0.047 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Pesticide | Atrazine | n/a | = | 116 | % | EPA 525.2 | -88 | -88 | 68 | 133 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Pesticide | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Azinphos methyl | n/a | = | 0.148 | µg/L | EPA 525.2 | 0.0055 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Azinphos methyl | n/a | = | 0.138 | µg/L | EPA 525.2 | 0.0055 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Azinphos methyl | n/a | = | 276 | % | EPA 525.2 | -88 | -88 | 53 | 303 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Azinphos methyl | n/a | = | 296 | % | EPA 525.2 | -88 | -88 | 53 | 303 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Azinphos methyl | n/a | = | 7 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Azinphos methyl | n/a | < | 0.0055 | µg/L | EPA 525.2 | 0.0055 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/22/2009 | Pesticide | Bentazon | n/a | = | 1.9 | µg/L | EPA 515.3 | 0.23 | 1.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/22/2009 | Pesticide | Bentazon | n/a | = | 1.98 | µg/L | EPA 515.3 | 0.23 | 1.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/22/2009 | Pesticide | Bentazon | n/a | = | 99 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/22/2009 | Pesticide | Bentazon | n/a | = | 95 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/22/2009 | Pesticide | Bentazon | n/a | = | 5 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-----------------------|----------|------|--------|-------|-----------|--------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | Lab | method blank | 12/11/2009 | Pesticide | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | | | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Pesticide | Bentazon | n/a | = | 2.04 | µg/L | EPA 515.3 | 0.23 | 2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Pesticide | Bentazon | n/a | = | 102 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/17/2009 | Pesticide | beta-BHC | n/a | = | 0.092 | µg/L | EPA 608 | 0.0031 | 0.005 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/17/2009 | Pesticide | beta-BHC | n/a | = | 0.0749 | µg/L | EPA 608 | 0.0031 | 0.005 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/17/2009 | Pesticide | beta-BHC | n/a | = | 75 | % | EPA 608 | -88 | -88 | 17 | 147 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/17/2009 | Pesticide | beta-BHC | n/a | = | 92 | % | EPA 608 | -88 | -88 | 17 | 147 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/17/2009 | Pesticide | beta-BHC | n/a | = | 20 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/17/2009 | Pesticide | beta-BHC | n/a | = | 0.515 | µg/L | EPA 608 | 0.016 | 0.025 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/17/2009 | Pesticide | beta-BHC | n/a | = | 103 | % | EPA 608 | -88 | -88 | 14 | 147 | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | beta-BHC | n/a | < | 0.016 | µg/L | EPA 608 | 0.016 | 0.025 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Bolstar | n/a | = | 0.0523 | µg/L | EPA 525.2 | 0.0046 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Bolstar | n/a | = | 0.0549 | µg/L | EPA 525.2 | 0.0046 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Bolstar | n/a | = | 110 | % | EPA 525.2 | -88 | -88 | 70 | 214 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Bolstar | n/a | = | 105 | % | EPA 525.2 | -88 | -88 | 70 | 214 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Bolstar | n/a | = | 5 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Bolstar | n/a | < | 0.0046 | µg/L | EPA 525.2 | 0.0046 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Pesticide | Bromacil | n/a | = | 5.64 | µg/L | EPA 525.2 | 0.9 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Pesticide | Bromacil | n/a | = | 5.72 | µg/L | EPA 525.2 | 0.9 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Pesticide | Bromacil | n/a | = | 114 | % | EPA 525.2 | -88 | -88 | 71 | 182 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Pesticide | Bromacil | n/a | = | 113 | % | EPA 525.2 | -88 | -88 | 71 | 182 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Pesticide | Bromacil | n/a | = | 1 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Pesticide | Bromacil | n/a | = | 5.35 | µg/L | EPA 525.2 | 0.9 | 1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Pesticide | Bromacil | n/a | = | 107 | % | EPA 525.2 | -88 | -88 | 43 | 177 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Pesticide | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Pesticide | Butachlor | n/a | = | 4.87 | µg/L | EPA 525.2 | 0.1 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Pesticide | Butachlor | n/a | = | 5.15 | µg/L | EPA 525.2 | 0.1 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Pesticide | Butachlor | n/a | = | 103 | % | EPA 525.2 | -88 | -88 | 67 | 181 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Pesticide | Butachlor | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 67 | 181 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Pesticide | Butachlor | n/a | = | 6 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Pesticide | Butachlor | n/a | = | 4.66 | µg/L | EPA 525.2 | 0.1 | 0.2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Pesticide | Butachlor | n/a | = | 93 | % | EPA 525.2 | -88 | -88 | 55 | 178 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Pesticide | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Pesticide | Captan | n/a | = | 8.05 | µg/L | EPA 525.2 | 0.86 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Pesticide | Captan | n/a | = | 7.65 | µg/L | EPA 525.2 | 0.86 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Pesticide | Captan | n/a | = | 153 | % | EPA 525.2 | -88 | -88 | 45 | 182 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Pesticide | Captan | n/a | = | 161 | % | EPA 525.2 | -88 | -88 | 45 | 182 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Pesticide | Captan | n/a | = | 5 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Pesticide | Captan | n/a | = | 6.47 | µg/L | EPA 525.2 | 0.86 | 1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Pesticide | Captan | n/a | = | 129 | % | EPA 525.2 | -88 | -88 | 20 | 215 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Pesticide | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | | | X |
| 2009/10-2 | Lab | method blank | 12/11/2009 | Pesticide | Chloramben | n/a | < | 1 | µg/L | EPA 515.3 | 1 | 1 | | | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | Chlordane (technical) | n/a | < | 0.4 | µg/L | EPA 608 | 0.4 | 0.5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Pesticide | Chloroprotham | n/a | = | 6.87 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Pesticide | Chloroprotham | n/a | = | 7.11 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Pesticide | Chloroprotham | n/a | = | 142 | % | EPA 525.2 | -88 | -88 | 76 | 137 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Pesticide | Chloroprotham | n/a | = | 137 | % | EPA 525.2 | -88 | -88 | 76 | 137 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|----------------|----------|------|--------|-------|-----------|--------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Pesticide | Chloropropham | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 30 | M |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Pesticide | Chloropropham | n/a | = | 5.63 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Pesticide | Chloropropham | n/a | = | 113 | % | EPA 525.2 | -88 | -88 | 74 | 133 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Pesticide | Chloropropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Chlorpyrifos | n/a | = | 0.0522 | µg/L | EPA 525.2 | 0.0069 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Chlorpyrifos | n/a | = | 0.0648 | µg/L | EPA 525.2 | 0.0069 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Chlorpyrifos | n/a | = | 130 | % | EPA 525.2 | -88 | -88 | 70 | 131 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Chlorpyrifos | n/a | = | 104 | % | EPA 525.2 | -88 | -88 | 70 | 131 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Chlorpyrifos | n/a | = | 21 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Chlorpyrifos | n/a | < | 0.0069 | µg/L | EPA 525.2 | 0.0069 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Coumaphos | n/a | = | 0.12 | µg/L | EPA 525.2 | 0.0051 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Coumaphos | n/a | = | 0.11 | µg/L | EPA 525.2 | 0.0051 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Coumaphos | n/a | = | 220 | % | EPA 525.2 | -88 | -88 | 70 | 271 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Coumaphos | n/a | = | 239 | % | EPA 525.2 | -88 | -88 | 70 | 271 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Coumaphos | n/a | = | 8 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Coumaphos | n/a | < | 0.0051 | µg/L | EPA 525.2 | 0.0051 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Pesticide | Cyanazine | n/a | = | 1.62 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Pesticide | Cyanazine | n/a | = | 1.62 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Pesticide | Cyanazine | n/a | = | 32 | % | EPA 525.2 | -88 | -88 | 26 | 145 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Pesticide | Cyanazine | n/a | = | 32 | % | EPA 525.2 | -88 | -88 | 26 | 145 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Pesticide | Cyanazine | n/a | = | 0 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Pesticide | Cyanazine | n/a | = | 4.88 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Pesticide | Cyanazine | n/a | = | 98 | % | EPA 525.2 | -88 | -88 | 69 | 131 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Pesticide | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/22/2009 | Pesticide | Dalapon | n/a | = | 2.06 | µg/L | EPA 515.3 | 0.04 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/22/2009 | Pesticide | Dalapon | n/a | = | 2.07 | µg/L | EPA 515.3 | 0.04 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/22/2009 | Pesticide | Dalapon | n/a | = | 104 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/22/2009 | Pesticide | Dalapon | n/a | = | 103 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/22/2009 | Pesticide | Dalapon | n/a | = | 0.6 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | method blank | 12/11/2009 | Pesticide | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | | | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Pesticide | Dalapon | n/a | = | 2.14 | µg/L | EPA 515.3 | 0.04 | 0.4 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Pesticide | Dalapon | n/a | = | 107 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/22/2009 | Pesticide | DCPA (Dacthal) | n/a | = | 5.9 | µg/L | EPA 515.3 | 0.02 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/22/2009 | Pesticide | DCPA (Dacthal) | n/a | = | 6.06 | µg/L | EPA 515.3 | 0.02 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/22/2009 | Pesticide | DCPA (Dacthal) | n/a | = | 104 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/22/2009 | Pesticide | DCPA (Dacthal) | n/a | = | 96 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/22/2009 | Pesticide | DCPA (Dacthal) | n/a | = | 3 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | method blank | 12/11/2009 | Pesticide | DCPA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Pesticide | DCPA (Dacthal) | n/a | = | 1.75 | µg/L | EPA 515.3 | 0.02 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Pesticide | DCPA (Dacthal) | n/a | = | 88 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/17/2009 | Pesticide | delta-BHC | n/a | = | 0.126 | µg/L | EPA 608 | 0.0025 | 0.005 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/17/2009 | Pesticide | delta-BHC | n/a | = | 0.126 | µg/L | EPA 608 | 0.0025 | 0.005 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/17/2009 | Pesticide | delta-BHC | n/a | = | 126 | % | EPA 608 | -88 | -88 | 19 | 140 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/17/2009 | Pesticide | delta-BHC | n/a | = | 126 | % | EPA 608 | -88 | -88 | 19 | 140 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/17/2009 | Pesticide | delta-BHC | n/a | = | 0.07 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/17/2009 | Pesticide | delta-BHC | n/a | = | 0.561 | µg/L | EPA 608 | 0.012 | 0.025 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/17/2009 | Pesticide | delta-BHC | n/a | = | 112 | % | EPA 608 | -88 | -88 | 19 | 140 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|----------|------|--------|-------|-----------|--------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | delta-BHC | n/a | < | 0.012 | µg/L | EPA 608 | 0.012 | 0.025 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Demeton-O | n/a | = | 0.0524 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Demeton-O | n/a | = | 0.0559 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Demeton-O | n/a | = | 112 | % | EPA 525.2 | -88 | -88 | 37 | 295 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Demeton-O | n/a | = | 105 | % | EPA 525.2 | -88 | -88 | 37 | 295 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Demeton-O | n/a | = | 7 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Demeton-O | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Demeton-S | n/a | = | 0.0518 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Demeton-S | n/a | = | 0.0517 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Demeton-S | n/a | = | 103 | % | EPA 525.2 | -88 | -88 | 70 | 159 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Demeton-S | n/a | = | 104 | % | EPA 525.2 | -88 | -88 | 70 | 159 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Demeton-S | n/a | = | 0.2 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Demeton-S | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Diazinon | n/a | = | 0.0571 | µg/L | EPA 525.2 | 0.0052 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Diazinon | n/a | = | 0.0596 | µg/L | EPA 525.2 | 0.0052 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Diazinon | n/a | = | 119 | % | EPA 525.2 | -88 | -88 | 70 | 163 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Diazinon | n/a | = | 114 | % | EPA 525.2 | -88 | -88 | 70 | 163 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Diazinon | n/a | = | 4 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Diazinon | n/a | < | 0.0052 | µg/L | EPA 525.2 | 0.0052 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/22/2009 | Pesticide | Dicamba | n/a | = | 1.96 | µg/L | EPA 515.3 | 0.08 | 0.6 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/22/2009 | Pesticide | Dicamba | n/a | = | 2 | µg/L | EPA 515.3 | 0.08 | 0.6 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/22/2009 | Pesticide | Dicamba | n/a | = | 100 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/22/2009 | Pesticide | Dicamba | n/a | = | 98 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/22/2009 | Pesticide | Dicamba | n/a | = | 2 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | method blank | 12/11/2009 | Pesticide | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | | | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Pesticide | Dicamba | n/a | = | 2.07 | µg/L | EPA 515.3 | 0.08 | 0.6 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Pesticide | Dicamba | n/a | = | 104 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/22/2009 | Pesticide | Dichlorprop | n/a | = | 2.43 | µg/L | EPA 515.3 | 0.06 | 0.3 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/22/2009 | Pesticide | Dichlorprop | n/a | = | 2.32 | µg/L | EPA 515.3 | 0.06 | 0.3 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/22/2009 | Pesticide | Dichlorprop | n/a | = | 116 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/22/2009 | Pesticide | Dichlorprop | n/a | = | 121 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/22/2009 | Pesticide | Dichlorprop | n/a | = | 5 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | method blank | 12/11/2009 | Pesticide | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | | | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Pesticide | Dichlorprop | n/a | = | 2.37 | µg/L | EPA 515.3 | 0.06 | 0.3 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Pesticide | Dichlorprop | n/a | = | 118 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Dichlorvos | n/a | = | 0.0364 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Dichlorvos | n/a | = | 0.0378 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Dichlorvos | n/a | = | 76 | % | EPA 525.2 | -88 | -88 | 70 | 161 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Dichlorvos | n/a | = | 73 | % | EPA 525.2 | -88 | -88 | 70 | 161 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Dichlorvos | n/a | = | 4 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Dichlorvos | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/17/2009 | Pesticide | Dieldrin | n/a | = | 0.109 | µg/L | EPA 608 | 0.0021 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/17/2009 | Pesticide | Dieldrin | n/a | = | 0.103 | µg/L | EPA 608 | 0.0021 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/17/2009 | Pesticide | Dieldrin | n/a | = | 103 | % | EPA 608 | -88 | -88 | 36 | 146 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/17/2009 | Pesticide | Dieldrin | n/a | = | 109 | % | EPA 608 | -88 | -88 | 36 | 146 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/17/2009 | Pesticide | Dieldrin | n/a | = | 5 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/17/2009 | Pesticide | Dieldrin | n/a | = | 0.572 | µg/L | EPA 608 | 0.01 | 0.05 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|--------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | Lab | LCS, rec | 12/17/2009 | Pesticide | Dieldrin | n/a | = | 114 | % | EPA 608 | -88 | -88 | 36 | 146 | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | Dieldrin | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.05 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Dimethoate | n/a | = | 0.0659 | µg/L | EPA 525.2 | 0.0062 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Dimethoate | n/a | = | 0.068 | µg/L | EPA 525.2 | 0.0062 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Dimethoate | n/a | = | 136 | % | EPA 525.2 | -88 | -88 | 70 | 352 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Dimethoate | n/a | = | 132 | % | EPA 525.2 | -88 | -88 | 70 | 352 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Dimethoate | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Dimethoate | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/22/2009 | Pesticide | Dinoseb | n/a | = | 2.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/22/2009 | Pesticide | Dinoseb | n/a | = | 2.1 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/22/2009 | Pesticide | Dinoseb | n/a | = | 105 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/22/2009 | Pesticide | Dinoseb | n/a | = | 102 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/22/2009 | Pesticide | Dinoseb | n/a | = | 2 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | method blank | 12/11/2009 | Pesticide | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Pesticide | Dinoseb | n/a | = | 2.18 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Pesticide | Dinoseb | n/a | = | 109 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Pesticide | Diphenamid | n/a | = | 4.55 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Pesticide | Diphenamid | n/a | = | 4.37 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Pesticide | Diphenamid | n/a | = | 87 | % | EPA 525.2 | -88 | -88 | 86 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Pesticide | Diphenamid | n/a | = | 91 | % | EPA 525.2 | -88 | -88 | 86 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Pesticide | Diphenamid | n/a | = | 4 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Pesticide | Diphenamid | n/a | = | 4.38 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Pesticide | Diphenamid | n/a | = | 88 | % | EPA 525.2 | -88 | -88 | 82 | 144 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Pesticide | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Disulfoton | n/a | = | 0.0534 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Disulfoton | n/a | = | 0.0665 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Disulfoton | n/a | = | 133 | % | EPA 525.2 | -88 | -88 | 56 | 269 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Disulfoton | n/a | = | 107 | % | EPA 525.2 | -88 | -88 | 56 | 269 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Disulfoton | n/a | = | 22 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Disulfoton | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/17/2009 | Pesticide | Endosulfan I | n/a | = | 0.0871 | µg/L | EPA 608 | 0.0017 | 0.02 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/17/2009 | Pesticide | Endosulfan I | n/a | = | 0.0808 | µg/L | EPA 608 | 0.0017 | 0.02 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/17/2009 | Pesticide | Endosulfan I | n/a | = | 81 | % | EPA 608 | -88 | -88 | 45 | 153 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/17/2009 | Pesticide | Endosulfan I | n/a | = | 87 | % | EPA 608 | -88 | -88 | 45 | 153 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/17/2009 | Pesticide | Endosulfan I | n/a | = | 7 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/17/2009 | Pesticide | Endosulfan I | n/a | = | 0.525 | µg/L | EPA 608 | 0.0085 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/17/2009 | Pesticide | Endosulfan I | n/a | = | 105 | % | EPA 608 | -88 | -88 | 45 | 153 | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | Endosulfan I | n/a | < | 0.0085 | µg/L | EPA 608 | 0.0085 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/17/2009 | Pesticide | Endosulfan II | n/a | = | 0.082 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/17/2009 | Pesticide | Endosulfan II | n/a | = | 0.075 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/17/2009 | Pesticide | Endosulfan II | n/a | = | 75 | % | EPA 608 | -88 | -88 | 2 | 202 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/17/2009 | Pesticide | Endosulfan II | n/a | = | 82 | % | EPA 608 | -88 | -88 | 2 | 202 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/17/2009 | Pesticide | Endosulfan II | n/a | = | 9 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/17/2009 | Pesticide | Endosulfan II | n/a | = | 0.558 | µg/L | EPA 608 | 0.0095 | 0.05 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/17/2009 | Pesticide | Endosulfan II | n/a | = | 112 | % | EPA 608 | -88 | -88 | 2 | 202 | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | Endosulfan II | n/a | < | 0.0095 | µg/L | EPA 608 | 0.0095 | 0.05 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/17/2009 | Pesticide | Endosulfan sulfate | n/a | = | 0.135 | µg/L | EPA 608 | 0.008 | 0.05 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|--------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/17/2009 | Pesticide | Endosulfan sulfate | n/a | = | 0.143 | µg/L | EPA 608 | 0.008 | 0.05 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/17/2009 | Pesticide | Endosulfan sulfate | n/a | = | 143 | % | EPA 608 | -88 | -88 | 26 | 144 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/17/2009 | Pesticide | Endosulfan sulfate | n/a | = | 135 | % | EPA 608 | -88 | -88 | 26 | 144 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/17/2009 | Pesticide | Endosulfan sulfate | n/a | = | 6 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/17/2009 | Pesticide | Endosulfan sulfate | n/a | = | 0.553 | µg/L | EPA 608 | 0.04 | 0.25 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/17/2009 | Pesticide | Endosulfan sulfate | n/a | = | 111 | % | EPA 608 | -88 | -88 | 26 | 144 | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | Endosulfan sulfate | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.25 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/17/2009 | Pesticide | Endrin | n/a | = | 0.1 | µg/L | EPA 608 | 0.0028 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/17/2009 | Pesticide | Endrin | n/a | = | 0.0914 | µg/L | EPA 608 | 0.0028 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/17/2009 | Pesticide | Endrin | n/a | = | 91 | % | EPA 608 | -88 | -88 | 30 | 147 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/17/2009 | Pesticide | Endrin | n/a | = | 100 | % | EPA 608 | -88 | -88 | 30 | 147 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/17/2009 | Pesticide | Endrin | n/a | = | 9 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/17/2009 | Pesticide | Endrin | n/a | = | 0.487 | µg/L | EPA 608 | 0.014 | 0.05 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/17/2009 | Pesticide | Endrin | n/a | = | 97 | % | EPA 608 | -88 | -88 | 30 | 147 | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | Endrin | n/a | < | 0.014 | µg/L | EPA 608 | 0.014 | 0.05 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/17/2009 | Pesticide | Endrin aldehyde | n/a | = | 0.0883 | µg/L | EPA 608 | 0.003 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/17/2009 | Pesticide | Endrin aldehyde | n/a | = | 0.094 | µg/L | EPA 608 | 0.003 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/17/2009 | Pesticide | Endrin aldehyde | n/a | = | 94 | % | EPA 608 | -88 | -88 | 30 | 180 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/17/2009 | Pesticide | Endrin aldehyde | n/a | = | 88 | % | EPA 608 | -88 | -88 | 30 | 180 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/17/2009 | Pesticide | Endrin aldehyde | n/a | = | 6 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/17/2009 | Pesticide | Endrin aldehyde | n/a | = | 0.65 | µg/L | EPA 608 | 0.015 | 0.05 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/17/2009 | Pesticide | Endrin aldehyde | n/a | = | 130 | % | EPA 608 | -88 | -88 | 41 | 203 | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | Endrin aldehyde | n/a | < | 0.015 | µg/L | EPA 608 | 0.015 | 0.05 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Pesticide | EPTC | n/a | = | 4.76 | µg/L | EPA 525.2 | 0.23 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Pesticide | EPTC | n/a | = | 4.98 | µg/L | EPA 525.2 | 0.23 | 1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Pesticide | EPTC | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 67 | 119 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Pesticide | EPTC | n/a | = | 95 | % | EPA 525.2 | -88 | -88 | 67 | 119 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Pesticide | EPTC | n/a | = | 5 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Pesticide | EPTC | n/a | = | 4.45 | µg/L | EPA 525.2 | 0.23 | 1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Pesticide | EPTC | n/a | = | 89 | % | EPA 525.2 | -88 | -88 | 75 | 110 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Pesticide | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Ethoprop | n/a | = | 0.0599 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Ethoprop | n/a | = | 0.0632 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Ethoprop | n/a | = | 126 | % | EPA 525.2 | -88 | -88 | 70 | 155 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Ethoprop | n/a | = | 120 | % | EPA 525.2 | -88 | -88 | 70 | 155 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Ethoprop | n/a | = | 5 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Ethoprop | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Ethyl parathion | n/a | = | 0.055 | µg/L | EPA 525.2 | 0.0054 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Ethyl parathion | n/a | = | 0.0622 | µg/L | EPA 525.2 | 0.0054 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Ethyl parathion | n/a | = | 124 | % | EPA 525.2 | -88 | -88 | 70 | 242 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Ethyl parathion | n/a | = | 110 | % | EPA 525.2 | -88 | -88 | 70 | 242 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Ethyl parathion | n/a | = | 12 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Ethyl parathion | n/a | < | 0.0054 | µg/L | EPA 525.2 | 0.0054 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Fensulfothion | n/a | = | 0.0639 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Fensulfothion | n/a | = | 0.0631 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Fensulfothion | n/a | = | 126 | % | EPA 525.2 | -88 | -88 | 70 | 169 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Fensulfothion | n/a | = | 128 | % | EPA 525.2 | -88 | -88 | 70 | 169 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|---------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Fensulfothion | n/a | = | 1 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Fensulfothion | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Fenthion | n/a | = | 0.0651 | µg/L | EPA 525.2 | 0.0038 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Fenthion | n/a | = | 0.0531 | µg/L | EPA 525.2 | 0.0038 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Fenthion | n/a | = | 106 | % | EPA 525.2 | -88 | -88 | 70 | 163 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Fenthion | n/a | = | 130 | % | EPA 525.2 | -88 | -88 | 70 | 163 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Fenthion | n/a | = | 20 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Fenthion | n/a | < | 0.0038 | µg/L | EPA 525.2 | 0.0038 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/17/2009 | Pesticide | gamma-BHC (Lindane) | n/a | = | 0.094 | µg/L | EPA 608 | 0.0021 | 0.02 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/17/2009 | Pesticide | gamma-BHC (Lindane) | n/a | = | 0.0884 | µg/L | EPA 608 | 0.0021 | 0.02 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/17/2009 | Pesticide | gamma-BHC (Lindane) | n/a | = | 88 | % | EPA 608 | -88 | -88 | 32 | 127 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/17/2009 | Pesticide | gamma-BHC (Lindane) | n/a | = | 94 | % | EPA 608 | -88 | -88 | 32 | 127 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/17/2009 | Pesticide | gamma-BHC (Lindane) | n/a | = | 6 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/17/2009 | Pesticide | gamma-BHC (Lindane) | n/a | = | 0.511 | µg/L | EPA 608 | 0.01 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/17/2009 | Pesticide | gamma-BHC (Lindane) | n/a | = | 102 | % | EPA 608 | -88 | -88 | 32 | 127 | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | gamma-BHC (Lindane) | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/17/2009 | Pesticide | gamma-Chlordane | n/a | = | 0.0846 | µg/L | EPA 608 | 0.01 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/17/2009 | Pesticide | gamma-Chlordane | n/a | = | 0.0784 | µg/L | EPA 608 | 0.01 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/17/2009 | Pesticide | gamma-Chlordane | n/a | = | 78 | % | EPA 608 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/17/2009 | Pesticide | gamma-Chlordane | n/a | = | 85 | % | EPA 608 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/17/2009 | Pesticide | gamma-Chlordane | n/a | = | 8 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/17/2009 | Pesticide | gamma-Chlordane | n/a | = | 0.555 | µg/L | EPA 608 | 0.05 | 0.05 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/17/2009 | Pesticide | gamma-Chlordane | n/a | = | 111 | % | EPA 608 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | gamma-Chlordane | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.05 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/14/2009 | Pesticide | Glyphosate | n/a | = | 48.5 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/14/2009 | Pesticide | Glyphosate | n/a | = | 51.7 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/14/2009 | Pesticide | Glyphosate | n/a | = | 125 | % | EPA 547 | -88 | -88 | 68 | 134 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/14/2009 | Pesticide | Glyphosate | n/a | = | 113 | % | EPA 547 | -88 | -88 | 68 | 134 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/14/2009 | Pesticide | Glyphosate | n/a | = | 6 | % | EPA 547 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Pesticide | Glyphosate | n/a | = | 27.5 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Pesticide | Glyphosate | n/a | = | 26.5 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Pesticide | Glyphosate | n/a | = | 106 | % | EPA 547 | -88 | -88 | 68 | 134 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Pesticide | Glyphosate | n/a | = | 110 | % | EPA 547 | -88 | -88 | 68 | 134 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Pesticide | Glyphosate | n/a | = | 4 | % | EPA 547 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/14/2009 | Pesticide | Glyphosate | n/a | = | 26.4 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/14/2009 | Pesticide | Glyphosate | n/a | = | 106 | % | EPA 547 | -88 | -88 | 71 | 137 | X |
| 2009/10-2 | Lab | method blank | 12/14/2009 | Pesticide | Glyphosate | n/a | < | 1.8 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Pesticide | Glyphosate | n/a | = | 30 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Pesticide | Glyphosate | n/a | = | 120 | % | EPA 547 | -88 | -88 | 71 | 137 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Pesticide | Glyphosate | n/a | < | 1.8 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/17/2009 | Pesticide | Heptachlor | n/a | = | 0.0894 | µg/L | EPA 608 | 0.0017 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/17/2009 | Pesticide | Heptachlor | n/a | = | 0.0808 | µg/L | EPA 608 | 0.0017 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/17/2009 | Pesticide | Heptachlor | n/a | = | 81 | % | EPA 608 | -88 | -88 | 34 | 111 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/17/2009 | Pesticide | Heptachlor | n/a | = | 89 | % | EPA 608 | -88 | -88 | 34 | 111 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/17/2009 | Pesticide | Heptachlor | n/a | = | 10 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/17/2009 | Pesticide | Heptachlor | n/a | = | 0.485 | µg/L | EPA 608 | 0.0085 | 0.05 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/17/2009 | Pesticide | Heptachlor | n/a | = | 97 | % | EPA 608 | -88 | -88 | 34 | 111 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|--------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | Heptachlor | n/a | < | 0.0085 | µg/L | EPA 608 | 0.0085 | 0.05 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/17/2009 | Pesticide | Heptachlor epoxide | n/a | = | 0.0876 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/17/2009 | Pesticide | Heptachlor epoxide | n/a | = | 0.0808 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/17/2009 | Pesticide | Heptachlor epoxide | n/a | = | 81 | % | EPA 608 | -88 | -88 | 37 | 142 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/17/2009 | Pesticide | Heptachlor epoxide | n/a | = | 88 | % | EPA 608 | -88 | -88 | 37 | 142 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/17/2009 | Pesticide | Heptachlor epoxide | n/a | = | 8 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/17/2009 | Pesticide | Heptachlor epoxide | n/a | = | 0.554 | µg/L | EPA 608 | 0.0095 | 0.05 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/17/2009 | Pesticide | Heptachlor epoxide | n/a | = | 111 | % | EPA 608 | -88 | -88 | 37 | 142 | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | Heptachlor epoxide | n/a | < | 0.0095 | µg/L | EPA 608 | 0.0095 | 0.05 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Malathion | n/a | = | 0.0597 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Malathion | n/a | = | 0.0803 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Malathion | n/a | = | 161 | % | EPA 525.2 | -88 | -88 | 70 | 208 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Malathion | n/a | = | 119 | % | EPA 525.2 | -88 | -88 | 70 | 208 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Malathion | n/a | = | 30 | % | EPA 525.2 | -88 | -88 | 0 | 25 | IL |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Malathion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Merphos | n/a | = | 0.0611 | µg/L | EPA 525.2 | 0.0058 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Merphos | n/a | = | 0.0681 | µg/L | EPA 525.2 | 0.0058 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Merphos | n/a | = | 136 | % | EPA 525.2 | -88 | -88 | 70 | 161 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Merphos | n/a | = | 122 | % | EPA 525.2 | -88 | -88 | 70 | 161 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Merphos | n/a | = | 11 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Merphos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.01 | | | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | Methoxychlor | n/a | < | 0.027 | µg/L | EPA 608 | 0.027 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Methyl parathion | n/a | = | 0.0916 | µg/L | EPA 525.2 | 0.0063 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Methyl parathion | n/a | = | 0.0928 | µg/L | EPA 525.2 | 0.0063 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Methyl parathion | n/a | = | 186 | % | EPA 525.2 | -88 | -88 | 70 | 229 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Methyl parathion | n/a | = | 183 | % | EPA 525.2 | -88 | -88 | 70 | 229 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Methyl parathion | n/a | = | 1 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Methyl parathion | n/a | < | 0.0063 | µg/L | EPA 525.2 | 0.0063 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Pesticide | Metolachlor | n/a | = | 4.65 | µg/L | EPA 525.2 | 0.056 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Pesticide | Metolachlor | n/a | = | 4.8 | µg/L | EPA 525.2 | 0.056 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Pesticide | Metolachlor | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 53 | 178 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Pesticide | Metolachlor | n/a | = | 93 | % | EPA 525.2 | -88 | -88 | 53 | 178 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Pesticide | Metolachlor | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Pesticide | Metolachlor | n/a | = | 3.97 | µg/L | EPA 525.2 | 0.056 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Pesticide | Metolachlor | n/a | = | 79 | % | EPA 525.2 | -88 | -88 | 55 | 170 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Pesticide | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Pesticide | Metribuzin | n/a | = | 3.85 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Pesticide | Metribuzin | n/a | = | 4.39 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Pesticide | Metribuzin | n/a | = | 88 | % | EPA 525.2 | -88 | -88 | 64 | 155 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Pesticide | Metribuzin | n/a | = | 77 | % | EPA 525.2 | -88 | -88 | 64 | 155 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Pesticide | Metribuzin | n/a | = | 13 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Pesticide | Metribuzin | n/a | = | 4.43 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Pesticide | Metribuzin | n/a | = | 89 | % | EPA 525.2 | -88 | -88 | 44 | 149 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Pesticide | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Mevinphos | n/a | = | 0.0654 | µg/L | EPA 525.2 | 0.0042 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Mevinphos | n/a | = | 0.068 | µg/L | EPA 525.2 | 0.0042 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Mevinphos | n/a | = | 136 | % | EPA 525.2 | -88 | -88 | 70 | 148 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Mevinphos | n/a | = | 131 | % | EPA 525.2 | -88 | -88 | 70 | 148 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Mevinphos | n/a | = | 4 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Mevinphos | n/a | < | 0.0042 | µg/L | EPA 525.2 | 0.0042 | 0.01 | | | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | Mirex | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.05 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Pesticide | Molinate | n/a | = | 4.89 | µg/L | EPA 525.2 | 0.051 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Pesticide | Molinate | n/a | = | 5.12 | µg/L | EPA 525.2 | 0.051 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Pesticide | Molinate | n/a | = | 102 | % | EPA 525.2 | -88 | -88 | 68 | 125 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Pesticide | Molinate | n/a | = | 98 | % | EPA 525.2 | -88 | -88 | 68 | 125 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Pesticide | Molinate | n/a | = | 5 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Pesticide | Molinate | n/a | = | 4.31 | µg/L | EPA 525.2 | 0.051 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Pesticide | Molinate | n/a | = | 86 | % | EPA 525.2 | -88 | -88 | 76 | 116 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Pesticide | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Naled | n/a | = | 0.0812 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Naled | n/a | = | 0.0842 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Naled | n/a | = | 168 | % | EPA 525.2 | -88 | -88 | 70 | 299 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Naled | n/a | = | 162 | % | EPA 525.2 | -88 | -88 | 70 | 299 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Naled | n/a | = | 4 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Naled | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/22/2009 | Pesticide | Pentachlorophenol | n/a | = | 2.28 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/22/2009 | Pesticide | Pentachlorophenol | n/a | = | 2.36 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/22/2009 | Pesticide | Pentachlorophenol | n/a | = | 118 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/22/2009 | Pesticide | Pentachlorophenol | n/a | = | 114 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/22/2009 | Pesticide | Pentachlorophenol | n/a | = | 4 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | method blank | 12/11/2009 | Pesticide | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Pesticide | Pentachlorophenol | n/a | = | 2.41 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Pesticide | Pentachlorophenol | n/a | = | 120 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Phorate | n/a | = | 0.0619 | µg/L | EPA 525.2 | 0.003 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Phorate | n/a | = | 0.0563 | µg/L | EPA 525.2 | 0.003 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Phorate | n/a | = | 113 | % | EPA 525.2 | -88 | -88 | 70 | 243 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Phorate | n/a | = | 124 | % | EPA 525.2 | -88 | -88 | 70 | 243 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Phorate | n/a | = | 9 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Phorate | n/a | < | 0.003 | µg/L | EPA 525.2 | 0.003 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/22/2009 | Pesticide | Picloram | n/a | = | 2.05 | µg/L | EPA 515.3 | 0.34 | 0.6 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/22/2009 | Pesticide | Picloram | n/a | = | 2.13 | µg/L | EPA 515.3 | 0.34 | 0.6 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/22/2009 | Pesticide | Picloram | n/a | = | 107 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/22/2009 | Pesticide | Picloram | n/a | = | 102 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/22/2009 | Pesticide | Picloram | n/a | = | 4 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | method blank | 12/11/2009 | Pesticide | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | | | X |
| 2009/10-2 | Lab | LCS | 12/22/2009 | Pesticide | Picloram | n/a | = | 2.17 | µg/L | EPA 515.3 | 0.34 | 0.6 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/22/2009 | Pesticide | Picloram | n/a | = | 109 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Pesticide | Prometon | n/a | = | 3.88 | µg/L | EPA 525.2 | 0.16 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Pesticide | Prometon | n/a | = | 4.17 | µg/L | EPA 525.2 | 0.16 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Pesticide | Prometon | n/a | = | 83 | % | EPA 525.2 | -88 | -88 | 5 | 148 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Pesticide | Prometon | n/a | = | 78 | % | EPA 525.2 | -88 | -88 | 5 | 148 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Pesticide | Prometon | n/a | = | 7 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Pesticide | Prometon | n/a | = | 2.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Pesticide | Prometon | n/a | = | 43 | % | EPA 525.2 | -88 | -88 | 6 | 110 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Pesticide | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Pesticide | Prometryn | n/a | = | 4.42 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Pesticide | Prometryn | n/a | = | 4.53 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Pesticide | Prometryn | n/a | = | 91 | % | EPA 525.2 | -88 | -88 | 44 | 169 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Pesticide | Prometryn | n/a | = | 88 | % | EPA 525.2 | -88 | -88 | 44 | 169 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Pesticide | Prometryn | n/a | = | 2 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Pesticide | Prometryn | n/a | = | 3.76 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Pesticide | Prometryn | n/a | = | 75 | % | EPA 525.2 | -88 | -88 | 34 | 152 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Pesticide | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 0.0767 | µg/L | EPA 525.2 | 0.0041 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 0.0587 | µg/L | EPA 525.2 | 0.0041 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 117 | % | EPA 525.2 | -88 | -88 | 70 | 145 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 153 | % | EPA 525.2 | -88 | -88 | 70 | 145 | EUM |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 27 | % | EPA 525.2 | -88 | -88 | 0 | 25 | IL |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Ronnel (Fenchlorphos) | n/a | < | 0.0041 | µg/L | EPA 525.2 | 0.0041 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Pesticide | Simazine | n/a | = | 3.55 | µg/L | EPA 525.2 | 0.083 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Pesticide | Simazine | n/a | = | 3.81 | µg/L | EPA 525.2 | 0.083 | 0.1 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Pesticide | Simazine | n/a | = | 76 | % | EPA 525.2 | -88 | -88 | 53 | 152 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Pesticide | Simazine | n/a | = | 71 | % | EPA 525.2 | -88 | -88 | 53 | 152 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Pesticide | Simazine | n/a | = | 7 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Pesticide | Simazine | n/a | = | 3.6 | µg/L | EPA 525.2 | 0.083 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Pesticide | Simazine | n/a | = | 72 | % | EPA 525.2 | -88 | -88 | 54 | 156 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Pesticide | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 0.0903 | µg/L | EPA 525.2 | 0.0031 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 0.0924 | µg/L | EPA 525.2 | 0.0031 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 185 | % | EPA 525.2 | -88 | -88 | 70 | 278 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 181 | % | EPA 525.2 | -88 | -88 | 70 | 278 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 2 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0031 | µg/L | EPA 525.2 | 0.0031 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Pesticide | Terbacil | n/a | = | 5.55 | µg/L | EPA 525.2 | 0.55 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Pesticide | Terbacil | n/a | = | 5.4 | µg/L | EPA 525.2 | 0.55 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Pesticide | Terbacil | n/a | = | 108 | % | EPA 525.2 | -88 | -88 | 56 | 159 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Pesticide | Terbacil | n/a | = | 111 | % | EPA 525.2 | -88 | -88 | 56 | 159 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Pesticide | Terbacil | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Pesticide | Terbacil | n/a | = | 5.24 | µg/L | EPA 525.2 | 0.55 | 2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Pesticide | Terbacil | n/a | = | 105 | % | EPA 525.2 | -88 | -88 | 66 | 140 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Pesticide | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Pesticide | Thiobencarb | n/a | = | 3.56 | µg/L | EPA 525.2 | 0.11 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Pesticide | Thiobencarb | n/a | = | 3.61 | µg/L | EPA 525.2 | 0.11 | 0.2 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Pesticide | Thiobencarb | n/a | = | 72 | % | EPA 525.2 | -88 | -88 | 71 | 160 | X |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Pesticide | Thiobencarb | n/a | = | 71 | % | EPA 525.2 | -88 | -88 | 71 | 160 | X |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Pesticide | Thiobencarb | n/a | = | 1 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Pesticide | Thiobencarb | n/a | = | 3.14 | µg/L | EPA 525.2 | 0.11 | 0.2 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Pesticide | Thiobencarb | n/a | = | 63 | % | EPA 525.2 | -88 | -88 | 57 | 162 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Pesticide | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Tokuthion | n/a | = | 0.0606 | µg/L | EPA 525.2 | 0.0078 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Tokuthion | n/a | = | 0.0645 | µg/L | EPA 525.2 | 0.0078 | 0.01 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|---------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Tokuthion | n/a | = | 129 | % | EPA 525.2 | -88 | -88 | 70 | 122 | EUM |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Tokuthion | n/a | = | 121 | % | EPA 525.2 | -88 | -88 | 70 | 122 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Tokuthion | n/a | = | 6 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Tokuthion | n/a | < | 0.0078 | µg/L | EPA 525.2 | 0.0078 | 0.01 | | | X |
| 2009/10-2 | Lab | method blank | 12/17/2009 | Pesticide | Toxaphene | n/a | < | 0.6 | µg/L | EPA 608 | 0.6 | 2.5 | | | X |
| 2009/10-2 | Lab | LCS | 12/27/2009 | Pesticide | Trichloronate | n/a | = | 0.0486 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup | 12/27/2009 | Pesticide | Trichloronate | n/a | = | 0.0595 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-2 | Lab | LCS dup, rec | 12/27/2009 | Pesticide | Trichloronate | n/a | = | 119 | % | EPA 525.2 | -88 | -88 | 70 | 122 | X |
| 2009/10-2 | Lab | LCS, rec | 12/27/2009 | Pesticide | Trichloronate | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 70 | 122 | X |
| 2009/10-2 | Lab | LCS, RPD | 12/27/2009 | Pesticide | Trichloronate | n/a | = | 20 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-2 | Lab | method blank | 12/27/2009 | Pesticide | Trichloronate | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-2 | 000NONPJ | matrix spike | 12/15/2009 | Pesticide | Trithion | n/a | = | 3.52 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup | 12/15/2009 | Pesticide | Trithion | n/a | = | 3.59 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | M |
| 2009/10-2 | 000NONPJ | matrix spike dup, rec | 12/15/2009 | Pesticide | Trithion | n/a | = | 72 | % | EPA 525.2 | -88 | -88 | 86 | 144 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike, rec | 12/15/2009 | Pesticide | Trithion | n/a | = | 70 | % | EPA 525.2 | -88 | -88 | 86 | 144 | M,GB |
| 2009/10-2 | 000NONPJ | matrix spike, RPD | 12/15/2009 | Pesticide | Trithion | n/a | = | 2 | % | EPA 525.2 | -88 | -88 | 0 | 30 | M |
| 2009/10-2 | Lab | LCS | 12/15/2009 | Pesticide | Trithion | n/a | = | 4.54 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-2 | Lab | LCS, rec | 12/15/2009 | Pesticide | Trithion | n/a | = | 91 | % | EPA 525.2 | -88 | -88 | 62 | 149 | X |
| 2009/10-2 | Lab | method blank | 12/15/2009 | Pesticide | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/12/2010 | Anion | Chloride | n/a | = | 108 | mg/L | EPA 300.0 | 0.79 | 5 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/12/2010 | Anion | Chloride | n/a | = | 178 | mg/L | EPA 300.0 | 0.79 | 5 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/12/2010 | Anion | Chloride | n/a | = | 107 | mg/L | EPA 300.0 | 0.79 | 5 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/12/2010 | Anion | Chloride | n/a | = | 181 | mg/L | EPA 300.0 | 0.79 | 5 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/12/2010 | Anion | Chloride | n/a | = | 85 | % | EPA 300.0 | -88 | -88 | 72 | 118 | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/12/2010 | Anion | Chloride | n/a | = | 110 | % | EPA 300.0 | -88 | -88 | 72 | 118 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/12/2010 | Anion | Chloride | n/a | = | 103 | % | EPA 300.0 | -88 | -88 | 72 | 118 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/12/2010 | Anion | Chloride | n/a | = | 89 | % | EPA 300.0 | -88 | -88 | 72 | 118 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/12/2010 | Anion | Chloride | n/a | = | 2 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/12/2010 | Anion | Chloride | n/a | = | 1 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | Lab | LCS | 2/12/2010 | Anion | Chloride | n/a | = | 3.81 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/12/2010 | Anion | Chloride | n/a | = | 95 | % | EPA 300.0 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | Lab | method blank | 2/12/2010 | Anion | Chloride | n/a | < | 0.079 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Anion | Chloride | n/a | = | 3.75 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Anion | Chloride | n/a | = | 94 | % | EPA 300.0 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Anion | Chloride | n/a | DNQ | 0.15 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | X |
| 2009/10-3 | MO-CAM | matrix spike | 2/17/2010 | Anion | Chloride | n/a | = | 44.5 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | X |
| 2009/10-3 | MO-CAM | matrix spike dup | 2/17/2010 | Anion | Chloride | n/a | = | 44.7 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | X |
| 2009/10-3 | MO-CAM | matrix spike dup, rec | 2/17/2010 | Anion | Chloride | n/a | = | 70 | % | EPA 300.0 | -88 | -88 | 72 | 118 | GB |
| 2009/10-3 | MO-CAM | matrix spike, rec | 2/17/2010 | Anion | Chloride | n/a | = | 64 | % | EPA 300.0 | -88 | -88 | 72 | 118 | GB |
| 2009/10-3 | MO-CAM | matrix spike, RPD | 2/17/2010 | Anion | Chloride | n/a | = | 0.5 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/17/2010 | Anion | Chloride | n/a | = | 12.3 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/17/2010 | Anion | Chloride | n/a | = | 12 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/17/2010 | Anion | Chloride | n/a | = | 108 | % | EPA 300.0 | -88 | -88 | 72 | 118 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/17/2010 | Anion | Chloride | n/a | = | 114 | % | EPA 300.0 | -88 | -88 | 72 | 118 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/17/2010 | Anion | Chloride | n/a | = | 2 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/12/2010 | Anion | Fluoride | n/a | = | 20 | mg/L | EPA 300.0 | 0.13 | 1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/12/2010 | Anion | Fluoride | n/a | = | 20.4 | mg/L | EPA 300.0 | 0.13 | 1 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|-----------------|----------------|----------|------|--------|------------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/12/2010 | Anion | Fluoride | n/a | = | 20.3 | mg/L | EPA 300.0 | 0.13 | 1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/12/2010 | Anion | Fluoride | n/a | = | 20.4 | mg/L | EPA 300.0 | 0.13 | 1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/12/2010 | Anion | Fluoride | n/a | = | 99 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/12/2010 | Anion | Fluoride | n/a | = | 99 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/12/2010 | Anion | Fluoride | n/a | = | 97 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/12/2010 | Anion | Fluoride | n/a | = | 99 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/12/2010 | Anion | Fluoride | n/a | = | 0.05 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/12/2010 | Anion | Fluoride | n/a | = | 2 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | Lab | LCS | 2/12/2010 | Anion | Fluoride | n/a | = | 2.01 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/12/2010 | Anion | Fluoride | n/a | = | 101 | % | EPA 300.0 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | Lab | method blank | 2/12/2010 | Anion | Fluoride | n/a | < | 0.013 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Anion | Fluoride | n/a | = | 1.84 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Anion | Fluoride | n/a | = | 92 | % | EPA 300.0 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Anion | Fluoride | n/a | < | 0.013 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-3 | MO-CAM | matrix spike | 2/17/2010 | Anion | Fluoride | n/a | = | 1.84 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-3 | MO-CAM | matrix spike dup | 2/17/2010 | Anion | Fluoride | n/a | = | 1.85 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-3 | MO-CAM | matrix spike dup, rec | 2/17/2010 | Anion | Fluoride | n/a | = | 90 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-3 | MO-CAM | matrix spike, rec | 2/17/2010 | Anion | Fluoride | n/a | = | 89 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-3 | MO-CAM | matrix spike, RPD | 2/17/2010 | Anion | Fluoride | n/a | = | 0.8 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/17/2010 | Anion | Fluoride | n/a | = | 1.87 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/17/2010 | Anion | Fluoride | n/a | = | 1.88 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/17/2010 | Anion | Fluoride | n/a | = | 90 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/17/2010 | Anion | Fluoride | n/a | = | 90 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/17/2010 | Anion | Fluoride | n/a | = | 0.3 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/10/2010 | Anion | Perchlorate | n/a | = | 10.9 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/10/2010 | Anion | Perchlorate | n/a | = | 11.1 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/10/2010 | Anion | Perchlorate | n/a | = | 93 | % | EPA 314.0 | -88 | -88 | 80 | 120 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/10/2010 | Anion | Perchlorate | n/a | = | 92 | % | EPA 314.0 | -88 | -88 | 80 | 120 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/10/2010 | Anion | Perchlorate | n/a | = | 1 | % | EPA 314.0 | -88 | -88 | 0 | 15 | X |
| 2009/10-3 | Lab | LCS | 2/10/2010 | Anion | Perchlorate | n/a | = | 9.3 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/10/2010 | Anion | Perchlorate | n/a | = | 93 | % | EPA 314.0 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/10/2010 | Anion | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-3 | MO-OJA | field duplicate | 2/6/2010 | Bacteriological | E. Coli | n/a | = | 3076 | MPN/100 mL | MMO-MUG | 10 | 10 | -88 | -88 | D |
| 2009/10-3 | MO-OJA | field duplicate | 2/9/2010 | Bacteriological | Fecal Coliform | n/a | = | 2400 | MPN/100 mL | SM 9221 E | 2 | 2 | -88 | -88 | X |
| 2009/10-3 | MO-OJA | field duplicate | 2/6/2010 | Bacteriological | Total Coliform | n/a | = | 72700 | MPN/100 mL | MMO-MUG | 100 | 100 | -88 | -88 | D |
| 2009/10-3 | 000NONPJ | matrix spike | 2/12/2010 | Cation | Calcium | Total | = | 61.7 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/12/2010 | Cation | Calcium | Total | = | 76.6 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/12/2010 | Cation | Calcium | Total | = | 77.5 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/12/2010 | Cation | Calcium | Total | = | 61.6 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/12/2010 | Cation | Calcium | Total | = | 98 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/12/2010 | Cation | Calcium | Total | = | 95 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/12/2010 | Cation | Calcium | Total | = | 96 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/12/2010 | Cation | Calcium | Total | = | 95 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/12/2010 | Cation | Calcium | Total | = | 0.2 | % | EPA 200.7 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/12/2010 | Cation | Calcium | Total | = | 1 | % | EPA 200.7 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/12/2010 | Cation | Calcium | Total | = | 46.9 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/12/2010 | Cation | Calcium | Total | = | 93 | % | EPA 200.7 | -88 | -88 | 85 | 115 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|---------------------|----------|------|--------|-------|-----------|--------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | method blank | 2/12/2010 | Cation | Calcium | Total | < | 0.016 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/12/2010 | Cation | Magnesium | Total | = | 52.6 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/12/2010 | Cation | Magnesium | Total | = | 56.9 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/12/2010 | Cation | Magnesium | Total | = | 52.4 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/12/2010 | Cation | Magnesium | Total | = | 57.7 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/12/2010 | Cation | Magnesium | Total | = | 98 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/12/2010 | Cation | Magnesium | Total | = | 98 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/12/2010 | Cation | Magnesium | Total | = | 98 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/12/2010 | Cation | Magnesium | Total | = | 97 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/12/2010 | Cation | Magnesium | Total | = | 0.2 | % | EPA 200.7 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/12/2010 | Cation | Magnesium | Total | = | 1 | % | EPA 200.7 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/12/2010 | Cation | Magnesium | Total | = | 47.7 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/12/2010 | Cation | Magnesium | Total | = | 95 | % | EPA 200.7 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/12/2010 | Cation | Magnesium | Total | < | 0.012 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | lab duplicate | 2/9/2010 | Conventional | Alkalinity as CaCO3 | n/a | = | 360 | mg/L | SM 2320 B | 1.2 | 2 | | 15 | X |
| 2009/10-3 | 000NONPJ | lab duplicate | 2/11/2010 | Conventional | Alkalinity as CaCO3 | n/a | = | 202 | mg/L | SM 2320 B | 1.2 | 2 | | 15 | X |
| 2009/10-3 | 000NONPJ | lab duplicate | 2/16/2010 | Conventional | Alkalinity as CaCO3 | n/a | = | 43.2 | mg/L | SM 2320 B | 1.2 | 2 | | 15 | X |
| 2009/10-3 | Lab | LCS | 2/9/2010 | Conventional | Alkalinity as CaCO3 | n/a | = | 251 | mg/L | SM 2320 B | 1.2 | 2 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/9/2010 | Conventional | Alkalinity as CaCO3 | n/a | = | 101 | % | SM 2320 B | -88 | -88 | 94 | 108 | X |
| 2009/10-3 | Lab | method blank | 2/9/2010 | Conventional | Alkalinity as CaCO3 | n/a | = | 2.77 | mg/L | SM 2320 B | 1.2 | 2 | | | IP |
| 2009/10-3 | Lab | LCS | 2/11/2010 | Conventional | Alkalinity as CaCO3 | n/a | = | 250 | mg/L | SM 2320 B | 1.2 | 2 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/11/2010 | Conventional | Alkalinity as CaCO3 | n/a | = | 100 | % | SM 2320 B | -88 | -88 | 94 | 108 | X |
| 2009/10-3 | Lab | method blank | 2/11/2010 | Conventional | Alkalinity as CaCO3 | n/a | = | 5.03 | mg/L | SM 2320 B | 1.2 | 2 | | | IP |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Conventional | Alkalinity as CaCO3 | n/a | = | 252 | mg/L | SM 2320 B | 1.2 | 2 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Conventional | Alkalinity as CaCO3 | n/a | = | 101 | % | SM 2320 B | -88 | -88 | 94 | 108 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Conventional | Alkalinity as CaCO3 | n/a | < | 1.2 | mg/L | SM 2320 B | 1.2 | 2 | | | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Conventional | BOD | n/a | = | 190 | mg/L | SM 5210 B | 0.1 | 2 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Conventional | BOD | n/a | = | 96 | % | SM 5210 B | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/11/2010 | Conventional | COD | n/a | = | 231 | mg/L | EPA 410.4 | 3.7 | 10 | | | D |
| 2009/10-3 | 000NONPJ | matrix spike | 2/11/2010 | Conventional | COD | n/a | = | 196 | mg/L | EPA 410.4 | 3.7 | 10 | | | D |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/11/2010 | Conventional | COD | n/a | = | 196 | mg/L | EPA 410.4 | 3.7 | 10 | | | D |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/11/2010 | Conventional | COD | n/a | = | 233 | mg/L | EPA 410.4 | 3.7 | 10 | | | D |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/11/2010 | Conventional | COD | n/a | = | 99 | % | EPA 410.4 | -88 | -88 | 90 | 110 | D |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/11/2010 | Conventional | COD | n/a | = | 98 | % | EPA 410.4 | -88 | -88 | 90 | 110 | D |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/11/2010 | Conventional | COD | n/a | = | 98 | % | EPA 410.4 | -88 | -88 | 90 | 110 | D |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/11/2010 | Conventional | COD | n/a | = | 98 | % | EPA 410.4 | -88 | -88 | 90 | 110 | D |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/11/2010 | Conventional | COD | n/a | = | 0.04 | % | EPA 410.4 | -88 | -88 | 0 | 15 | D |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/11/2010 | Conventional | COD | n/a | = | 1 | % | EPA 410.4 | -88 | -88 | 0 | 15 | D |
| 2009/10-3 | Lab | LCS | 2/11/2010 | Conventional | COD | n/a | = | 97 | mg/L | EPA 410.4 | 1.8 | 5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/11/2010 | Conventional | COD | n/a | = | 97 | % | EPA 410.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | Lab | method blank | 2/11/2010 | Conventional | COD | n/a | < | 1.8 | mg/L | EPA 410.4 | 1.8 | 5 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/17/2010 | Conventional | Cyanide | Total | = | 0.177 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/17/2010 | Conventional | Cyanide | Total | = | 0.185 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/17/2010 | Conventional | Cyanide | Total | = | 0.152 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/17/2010 | Conventional | Cyanide | Total | = | 0.192 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/17/2010 | Conventional | Cyanide | Total | = | 96 | % | EPA 335.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/17/2010 | Conventional | Cyanide | Total | = | 76 | % | EPA 335.4 | -88 | -88 | 90 | 110 | GB |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|----------------------|----------|------|--------|----------|--------------|--------|-------|----------|------|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/17/2010 | Conventional | Cyanide | Total | = | 88 | % | EPA 335.4 | -88 | -88 | 90 | 110 | GB |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/17/2010 | Conventional | Cyanide | Total | = | 92 | % | EPA 335.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/17/2010 | Conventional | Cyanide | Total | = | 15 | % | EPA 335.4 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/17/2010 | Conventional | Cyanide | Total | = | 4 | % | EPA 335.4 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Conventional | Cyanide | Total | = | 0.0496 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Conventional | Cyanide | Total | = | 99 | % | EPA 335.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Conventional | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-3 | MO-OJA | field duplicate | 2/17/2010 | Conventional | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/18/2010 | Conventional | MBAS | n/a | = | 0.212 | mg/L | SM 5540 C | 0.019 | 0.05 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/18/2010 | Conventional | MBAS | n/a | = | 0.193 | mg/L | SM 5540 C | 0.019 | 0.05 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/18/2010 | Conventional | MBAS | n/a | = | 96 | % | SM 5540 C | -88 | -88 | 77 | 118 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/18/2010 | Conventional | MBAS | n/a | = | 106 | % | SM 5540 C | -88 | -88 | 77 | 118 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/18/2010 | Conventional | MBAS | n/a | = | 9 | % | SM 5540 C | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | Lab | LCS | 2/8/2010 | Conventional | MBAS | n/a | = | 0.195 | mg/L | SM 5540 C | 0.019 | 0.05 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/8/2010 | Conventional | MBAS | n/a | = | 97 | % | SM 5540 C | -88 | -88 | 79 | 113 | X |
| 2009/10-3 | Lab | method blank | 2/8/2010 | Conventional | MBAS | n/a | < | 0.019 | mg/L | SM 5540 C | 0.019 | 0.05 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/18/2010 | Conventional | MBAS | n/a | < | 0.019 | mg/L | SM 5540 C | 0.019 | 0.05 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/18/2010 | Conventional | MBAS | n/a | < | 0.019 | mg/L | SM 5540 C | 0.019 | 0.05 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/18/2010 | Conventional | MBAS | n/a | = | 0 | % | SM 5540 C | -88 | -88 | 77 | 118 | GB |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/18/2010 | Conventional | MBAS | n/a | = | 0 | % | SM 5540 C | -88 | -88 | 77 | 118 | GB |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/18/2010 | Conventional | MBAS | n/a | = | 0 | % | SM 5540 C | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | 000NONPJ | lab duplicate | 2/6/2010 | Conventional | pH | n/a | = | 7.85 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | | 3.24 | X |
| 2009/10-3 | Lab | CRM | 2/6/2010 | Conventional | pH | n/a | = | 6.85 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | | | X |
| 2009/10-3 | Lab | CRM, rec | 2/6/2010 | Conventional | pH | n/a | = | 100 | % | SM 4500-H+ B | -88 | -88 | 96.7 | 102 | X |
| 2009/10-3 | MO-OJA | field duplicate | 2/6/2010 | Conventional | pH | n/a | = | 7.59 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | | | BV |
| 2009/10-3 | 000NONPJ | matrix spike | 2/17/2010 | Conventional | Phenolics | n/a | = | 0.128 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/17/2010 | Conventional | Phenolics | n/a | = | 0.122 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/17/2010 | Conventional | Phenolics | n/a | = | 73 | % | EPA 420.4 | -88 | -88 | 90 | 110 | GB |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/17/2010 | Conventional | Phenolics | n/a | = | 79 | % | EPA 420.4 | -88 | -88 | 90 | 110 | GB |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/17/2010 | Conventional | Phenolics | n/a | = | 5 | % | EPA 420.4 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Conventional | Phenolics | n/a | = | 0.0945 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Conventional | Phenolics | n/a | = | 94 | % | EPA 420.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Conventional | Phenolics | n/a | < | 0.0016 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 2/19/2010 | Conventional | Phenolics | n/a | = | 0.102 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/19/2010 | Conventional | Phenolics | n/a | = | 102 | % | EPA 420.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | Lab | method blank | 2/19/2010 | Conventional | Phenolics | n/a | < | 0.0016 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike | 2/19/2010 | Conventional | Phenolics | n/a | = | 0.102 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 2/19/2010 | Conventional | Phenolics | n/a | = | 0.102 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 2/19/2010 | Conventional | Phenolics | n/a | = | 71 | % | EPA 420.4 | -88 | -88 | 90 | 110 | GB |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 2/19/2010 | Conventional | Phenolics | n/a | = | 72 | % | EPA 420.4 | -88 | -88 | 90 | 110 | GB |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 2/19/2010 | Conventional | Phenolics | n/a | = | 0.2 | % | EPA 420.4 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | 000NONPJ | lab duplicate | 2/9/2010 | Conventional | Specific Conductance | n/a | = | 11.6 | µmhos/cm | SM 2510 B | 0.23 | 2 | | 4.28 | X |
| 2009/10-3 | 000NONPJ | lab duplicate | 2/9/2010 | Conventional | Specific Conductance | n/a | = | 22.8 | µmhos/cm | SM 2510 B | 0.23 | 2 | | 4.28 | X |
| 2009/10-3 | Lab | LCS | 2/9/2010 | Conventional | Specific Conductance | n/a | = | 202 | µmhos/cm | SM 2510 B | 0.23 | 2 | | | X |
| 2009/10-3 | Lab | LCS | 2/9/2010 | Conventional | Specific Conductance | n/a | = | 202 | µmhos/cm | SM 2510 B | 0.23 | 2 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/9/2010 | Conventional | Specific Conductance | n/a | = | 101 | % | SM 2510 B | -88 | -88 | 95 | 105 | X |
| 2009/10-3 | Lab | LCS, rec | 2/9/2010 | Conventional | Specific Conductance | n/a | = | 101 | % | SM 2510 B | -88 | -88 | 95 | 105 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|---------------------------|----------|------|--------|----------|--------------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | method blank | 2/9/2010 | Conventional | Specific Conductance | n/a | DNQ | 0.47 | µmhos/cm | SM 2510 B | 0.23 | 2 | | | X |
| 2009/10-3 | Lab | method blank | 2/9/2010 | Conventional | Specific Conductance | n/a | DNQ | 0.49 | µmhos/cm | SM 2510 B | 0.23 | 2 | | | X |
| 2009/10-3 | Lab | LCS | 2/9/2010 | Conventional | Total Chlorine Residual | n/a | = | 0.218 | mg/L | SM 4500-Cl G | 0.0016 | 0.05 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/9/2010 | Conventional | Total Chlorine Residual | n/a | = | 109 | % | SM 4500-Cl G | -88 | -88 | 82 | 112 | X |
| 2009/10-3 | Lab | method blank | 2/9/2010 | Conventional | Total Chlorine Residual | n/a | < | 0.0016 | mg/L | SM 4500-Cl G | 0.0016 | 0.05 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/9/2010 | Conventional | Total Chlorine Residual | n/a | = | 1.64 | mg/L | SM 4500-Cl G | 0.016 | 0.5 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/9/2010 | Conventional | Total Chlorine Residual | n/a | = | 1.69 | mg/L | SM 4500-Cl G | 0.016 | 0.5 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/9/2010 | Conventional | Total Chlorine Residual | n/a | = | 83 | % | SM 4500-Cl G | -88 | -88 | 65 | 128 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/9/2010 | Conventional | Total Chlorine Residual | n/a | = | 80 | % | SM 4500-Cl G | -88 | -88 | 65 | 128 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/9/2010 | Conventional | Total Chlorine Residual | n/a | = | 3 | % | SM 4500-Cl G | -88 | -88 | 0 | 15 | X |
| 2009/10-3 | Lab | LCS | 2/13/2010 | Conventional | Total Dissolved Solids | n/a | = | 811 | mg/L | SM 2540 C | 4 | 10 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/13/2010 | Conventional | Total Dissolved Solids | n/a | = | 98 | % | SM 2540 C | -88 | -88 | 91 | 104 | X |
| 2009/10-3 | Lab | method blank | 2/13/2010 | Conventional | Total Dissolved Solids | n/a | < | 4 | mg/L | SM 2540 C | 4 | 10 | | | X |
| 2009/10-3 | ME-CC | lab duplicate | 2/13/2010 | Conventional | Total Dissolved Solids | n/a | = | 365 | mg/L | SM 2540 C | 4 | 10 | | 10 | X |
| 2009/10-3 | MO-CAM | lab duplicate | 2/13/2010 | Conventional | Total Dissolved Solids | n/a | = | 131 | mg/L | SM 2540 C | 4 | 10 | | 10 | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/18/2010 | Conventional | Total Organic Carbon | n/a | = | 5.27 | mg/L | SM 5310 C | 0.032 | 0.3 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/18/2010 | Conventional | Total Organic Carbon | n/a | = | 5.27 | mg/L | SM 5310 C | 0.032 | 0.3 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/18/2010 | Conventional | Total Organic Carbon | n/a | = | 89 | % | SM 5310 C | -88 | -88 | 84 | 107 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/18/2010 | Conventional | Total Organic Carbon | n/a | = | 89 | % | SM 5310 C | -88 | -88 | 84 | 107 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/18/2010 | Conventional | Total Organic Carbon | n/a | = | 0.02 | % | SM 5310 C | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Conventional | Total Organic Carbon | n/a | = | 4.6 | mg/L | SM 5310 C | 0.032 | 0.3 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Conventional | Total Organic Carbon | n/a | = | 92 | % | SM 5310 C | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Conventional | Total Organic Carbon | n/a | DNQ | 0.0687 | mg/L | SM 5310 C | 0.032 | 0.3 | | | X |
| 2009/10-3 | Lab | method blank | 2/13/2010 | Conventional | Total Suspended Solids | n/a | < | 5 | mg/L | SM 2540 D | 5 | 5 | | | X |
| 2009/10-3 | ME-CC | lab duplicate | 2/13/2010 | Conventional | Total Suspended Solids | n/a | = | 992 | mg/L | SM 2540 D | 5 | 5 | | 20 | X |
| 2009/10-3 | MO-CAM | lab duplicate | 2/13/2010 | Conventional | Total Suspended Solids | n/a | = | 78 | mg/L | SM 2540 D | 5 | 5 | | 20 | X |
| 2009/10-3 | Lab | LCS | 2/8/2010 | Conventional | Turbidity | n/a | = | 6.09 | NTU | EPA 180.1 | 0.04 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/8/2010 | Conventional | Turbidity | n/a | = | 99 | % | EPA 180.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | Lab | method blank | 2/8/2010 | Conventional | Turbidity | n/a | < | 0.04 | NTU | EPA 180.1 | 0.04 | 0.1 | | | X |
| 2009/10-3 | ME-VR2 | lab duplicate | 2/8/2010 | Conventional | Turbidity | n/a | = | 158 | NTU | EPA 180.1 | 0.04 | 0.1 | | 10 | X |
| 2009/10-3 | Lab | method blank | 2/13/2010 | Conventional | Volatile Suspended Solids | n/a | < | 3.1 | mg/L | EPA 160.4 | 3.1 | 5 | | | X |
| 2009/10-3 | MO-CAM | lab duplicate | 2/13/2010 | Conventional | Volatile Suspended Solids | n/a | = | 15 | mg/L | EPA 160.4 | 3.1 | 5 | | 15 | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Hydrocarbon | Oil and Grease | n/a | DNQ | 4 | mg/L | EPA 1664A | 2 | 5 | | | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Hydrocarbon | Oil and Grease | n/a | = | 16.3 | mg/L | EPA 1664A | 2 | 5 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Hydrocarbon | Oil and Grease | n/a | = | 18 | mg/L | EPA 1664A | 2 | 5 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Hydrocarbon | Oil and Grease | n/a | = | 90 | % | EPA 1664A | -88 | -88 | 78 | 114 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Hydrocarbon | Oil and Grease | n/a | = | 80 | % | EPA 1664A | -88 | -88 | 78 | 114 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Hydrocarbon | Oil and Grease | n/a | = | 82 | % | EPA 1664A | -88 | -88 | 78 | 114 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Hydrocarbon | Oil and Grease | n/a | = | 10 | % | EPA 1664A | -88 | -88 | 0 | 18 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Hydrocarbon | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | | | X |
| 2009/10-3 | MO-OJA | field duplicate | 2/17/2010 | Hydrocarbon | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | | | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Hydrocarbon | TPH | n/a | = | 9.8 | mg/L | EPA 1664A | 1.9 | 5 | | | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Hydrocarbon | TPH | n/a | DNQ | 2.1 | mg/L | EPA 1664A | 1.9 | 5 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Hydrocarbon | TPH | n/a | = | 9.4 | mg/L | EPA 1664A | 1.9 | 5 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Hydrocarbon | TPH | n/a | = | 94 | % | EPA 1664A | -88 | -88 | 64 | 132 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Hydrocarbon | TPH | n/a | = | 84 | % | EPA 1664A | -88 | -88 | 64 | 132 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Hydrocarbon | TPH | n/a | = | 98 | % | EPA 1664A | -88 | -88 | 64 | 132 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Hydrocarbon | TPH | n/a | = | 4 | % | EPA 1664A | -88 | -88 | 0 | 18 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Hydrocarbon | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | | | X |
| 2009/10-3 | MO-OJA | field duplicate | 2/17/2010 | Hydrocarbon | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | | | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Aluminum | Dissolved | = | 52.5 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Aluminum | Dissolved | = | 105 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Aluminum | Dissolved | DNQ | 1.41 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Aluminum | Total | = | 52.5 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Aluminum | Total | = | 105 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Aluminum | Total | DNQ | 1.41 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/18/2010 | Metal | Aluminum | Total | = | 8680 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/18/2010 | Metal | Aluminum | Total | = | 8730 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/18/2010 | Metal | Aluminum | Total | = | -520 | % | EPA 200.8 | -88 | -88 | 70 | 130 | GB |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/18/2010 | Metal | Aluminum | Total | = | -622 | % | EPA 200.8 | -88 | -88 | 70 | 130 | GB |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/18/2010 | Metal | Aluminum | Total | = | 0.6 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | ME-VR2 | matrix spike | 2/18/2010 | Metal | Aluminum | Total | = | 4670 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 2/18/2010 | Metal | Aluminum | Total | = | 4840 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 2/18/2010 | Metal | Aluminum | Total | = | 628 | % | EPA 200.8 | -88 | -88 | 70 | 130 | GB |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 2/18/2010 | Metal | Aluminum | Total | = | 286 | % | EPA 200.8 | -88 | -88 | 70 | 130 | GB |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 2/18/2010 | Metal | Aluminum | Total | = | 4 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Antimony | Dissolved | = | 47.7 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Antimony | Dissolved | = | 95 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Antimony | Dissolved | DNQ | 0.01 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Antimony | Total | = | 47.7 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Antimony | Total | = | 95 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Antimony | Total | DNQ | 0.01 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/18/2010 | Metal | Antimony | Total | = | 31.1 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/18/2010 | Metal | Antimony | Total | = | 30.2 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/18/2010 | Metal | Antimony | Total | = | 59 | % | EPA 200.8 | -88 | -88 | 70 | 130 | GB |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/18/2010 | Metal | Antimony | Total | = | 61 | % | EPA 200.8 | -88 | -88 | 70 | 130 | GB |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/18/2010 | Metal | Antimony | Total | = | 3 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | ME-VR2 | matrix spike | 2/18/2010 | Metal | Antimony | Total | = | 38.6 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 2/18/2010 | Metal | Antimony | Total | = | 37.4 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 2/18/2010 | Metal | Antimony | Total | = | 74 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 2/18/2010 | Metal | Antimony | Total | = | 77 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 2/18/2010 | Metal | Antimony | Total | = | 3 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Arsenic | Dissolved | = | 49.7 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Arsenic | Dissolved | = | 99 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Arsenic | Dissolved | DNQ | 0.06 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Arsenic | Total | = | 49.7 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Arsenic | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Arsenic | Total | DNQ | 0.06 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/18/2010 | Metal | Arsenic | Total | = | 52.3 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/18/2010 | Metal | Arsenic | Total | = | 50.9 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/18/2010 | Metal | Arsenic | Total | = | 91 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/18/2010 | Metal | Arsenic | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/18/2010 | Metal | Arsenic | Total | = | 3 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | ME-VR2 | matrix spike | 2/18/2010 | Metal | Arsenic | Total | = | 49.3 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | ME-VR2 | matrix spike dup | 2/18/2010 | Metal | Arsenic | Total | = | 50.6 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 2/18/2010 | Metal | Arsenic | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 2/18/2010 | Metal | Arsenic | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 2/18/2010 | Metal | Arsenic | Total | = | 3 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Barium | Total | = | 49.5 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Barium | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Barium | Total | < | 0.024 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/18/2010 | Metal | Barium | Total | = | 166 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/18/2010 | Metal | Barium | Total | = | 166 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/18/2010 | Metal | Barium | Total | = | 111 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/18/2010 | Metal | Barium | Total | = | 113 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/18/2010 | Metal | Barium | Total | = | 0.5 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | ME-VR2 | matrix spike | 2/18/2010 | Metal | Barium | Total | = | 150 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 2/18/2010 | Metal | Barium | Total | = | 155 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 2/18/2010 | Metal | Barium | Total | = | 115 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 2/18/2010 | Metal | Barium | Total | = | 106 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 2/18/2010 | Metal | Barium | Total | = | 3 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Beryllium | Dissolved | = | 46.8 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Beryllium | Dissolved | = | 94 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Beryllium | Total | = | 46.8 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Beryllium | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Beryllium | Total | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/18/2010 | Metal | Beryllium | Total | = | 47.8 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/18/2010 | Metal | Beryllium | Total | = | 46 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/18/2010 | Metal | Beryllium | Total | = | 91 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/18/2010 | Metal | Beryllium | Total | = | 95 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/18/2010 | Metal | Beryllium | Total | = | 4 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | ME-VR2 | matrix spike | 2/18/2010 | Metal | Beryllium | Total | = | 47.3 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 2/18/2010 | Metal | Beryllium | Total | = | 48.1 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 2/18/2010 | Metal | Beryllium | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 2/18/2010 | Metal | Beryllium | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 2/18/2010 | Metal | Beryllium | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Cadmium | Dissolved | = | 49.2 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Cadmium | Dissolved | = | 98 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Cadmium | Dissolved | < | 0.013 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Cadmium | Total | = | 49.2 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Cadmium | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Cadmium | Total | < | 0.013 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/18/2010 | Metal | Cadmium | Total | = | 49.6 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/18/2010 | Metal | Cadmium | Total | = | 48.7 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/18/2010 | Metal | Cadmium | Total | = | 95 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/18/2010 | Metal | Cadmium | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/18/2010 | Metal | Cadmium | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | ME-VR2 | matrix spike | 2/18/2010 | Metal | Cadmium | Total | = | 48.7 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 2/18/2010 | Metal | Cadmium | Total | = | 49.1 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 2/18/2010 | Metal | Cadmium | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|--------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 2/18/2010 | Metal | Cadmium | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 2/18/2010 | Metal | Cadmium | Total | = | 0.9 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Chromium | Dissolved | = | 51.2 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Chromium | Dissolved | = | 102 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Chromium | Dissolved | DNQ | 0.09 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Chromium | Total | = | 51.2 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Chromium | Total | = | 102 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Chromium | Total | DNQ | 0.09 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/18/2010 | Metal | Chromium | Total | = | 71.3 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/18/2010 | Metal | Chromium | Total | = | 70.7 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/18/2010 | Metal | Chromium | Total | = | 93 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/18/2010 | Metal | Chromium | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/18/2010 | Metal | Chromium | Total | = | 0.8 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | ME-VR2 | matrix spike | 2/18/2010 | Metal | Chromium | Total | = | 62.2 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 2/18/2010 | Metal | Chromium | Total | = | 64.4 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 2/18/2010 | Metal | Chromium | Total | = | 103 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 2/18/2010 | Metal | Chromium | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 2/18/2010 | Metal | Chromium | Total | = | 4 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | 000NONPJ | lab duplicate | 2/10/2010 | Metal | Chromium VI | n/a | = | 0.538 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | 10 | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/10/2010 | Metal | Chromium VI | n/a | = | 5.34 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/10/2010 | Metal | Chromium VI | n/a | = | 4.78 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/10/2010 | Metal | Chromium VI | n/a | = | 4.87 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/10/2010 | Metal | Chromium VI | n/a | = | 5.3 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/10/2010 | Metal | Chromium VI | n/a | = | 96 | % | EPA 218.6 | -88 | -88 | 88 | 112 | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/10/2010 | Metal | Chromium VI | n/a | = | 96 | % | EPA 218.6 | -88 | -88 | 88 | 112 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/10/2010 | Metal | Chromium VI | n/a | = | 97 | % | EPA 218.6 | -88 | -88 | 88 | 112 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/10/2010 | Metal | Chromium VI | n/a | = | 94 | % | EPA 218.6 | -88 | -88 | 88 | 112 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/10/2010 | Metal | Chromium VI | n/a | = | 0.8 | % | EPA 218.6 | -88 | -88 | 0 | 10 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/10/2010 | Metal | Chromium VI | n/a | = | 2 | % | EPA 218.6 | -88 | -88 | 0 | 10 | X |
| 2009/10-3 | Lab | LCS | 2/10/2010 | Metal | Chromium VI | n/a | = | 4.72 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/10/2010 | Metal | Chromium VI | n/a | = | 94 | % | EPA 218.6 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | Lab | method blank | 2/10/2010 | Metal | Chromium VI | n/a | < | 0.0059 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Copper | Dissolved | = | 53.4 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Copper | Dissolved | = | 107 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/19/2010 | Metal | Copper | Dissolved | DNQ | 0.06 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Copper | Total | = | 53.4 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Copper | Total | = | 107 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/19/2010 | Metal | Copper | Total | DNQ | 0.06 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/18/2010 | Metal | Copper | Total | = | 75.4 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/18/2010 | Metal | Copper | Total | = | 74.6 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/18/2010 | Metal | Copper | Total | = | 89 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/18/2010 | Metal | Copper | Total | = | 91 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/18/2010 | Metal | Copper | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | ME-VR2 | matrix spike | 2/18/2010 | Metal | Copper | Total | = | 59.7 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 2/18/2010 | Metal | Copper | Total | = | 61.7 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 2/18/2010 | Metal | Copper | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 2/18/2010 | Metal | Copper | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 2/18/2010 | Metal | Copper | Total | = | 3 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Iron | Dissolved | = | 1110 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Iron | Dissolved | = | 106 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Iron | Dissolved | DNQ | 1.54 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Iron | Total | = | 1110 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Iron | Total | = | 106 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Iron | Total | DNQ | 1.54 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/18/2010 | Metal | Iron | Total | = | 15400 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/18/2010 | Metal | Iron | Total | = | 15600 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/18/2010 | Metal | Iron | Total | = | 139 | % | EPA 200.8 | -88 | -88 | 70 | 130 | GB |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/18/2010 | Metal | Iron | Total | = | 116 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/18/2010 | Metal | Iron | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | ME-VR2 | matrix spike | 2/18/2010 | Metal | Iron | Total | = | 7700 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 2/18/2010 | Metal | Iron | Total | = | 8130 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 2/18/2010 | Metal | Iron | Total | = | 105 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 2/18/2010 | Metal | Iron | Total | = | 64 | % | EPA 200.8 | -88 | -88 | 70 | 130 | GB |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 2/18/2010 | Metal | Iron | Total | = | 5 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Lead | Dissolved | = | 48.4 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Lead | Dissolved | = | 97 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Lead | Dissolved | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Lead | Total | = | 48.4 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Lead | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Lead | Total | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/18/2010 | Metal | Lead | Total | = | 58.6 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/18/2010 | Metal | Lead | Total | = | 57.5 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/18/2010 | Metal | Lead | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/18/2010 | Metal | Lead | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/18/2010 | Metal | Lead | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | ME-VR2 | matrix spike | 2/18/2010 | Metal | Lead | Total | = | 52 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 2/18/2010 | Metal | Lead | Total | = | 53.2 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 2/18/2010 | Metal | Lead | Total | = | 100 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 2/18/2010 | Metal | Lead | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 2/18/2010 | Metal | Lead | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/16/2010 | Metal | Mercury | Dissolved | = | 1020 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/16/2010 | Metal | Mercury | Dissolved | = | 1020 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/16/2010 | Metal | Mercury | Dissolved | = | 1030 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/16/2010 | Metal | Mercury | Dissolved | = | 1010 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/16/2010 | Metal | Mercury | Dissolved | = | 100 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/16/2010 | Metal | Mercury | Dissolved | = | 98 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/16/2010 | Metal | Mercury | Dissolved | = | 99 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/16/2010 | Metal | Mercury | Dissolved | = | 99 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/16/2010 | Metal | Mercury | Dissolved | = | 1 | % | EPA 245.1 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/16/2010 | Metal | Mercury | Dissolved | = | 1 | % | EPA 245.1 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Metal | Mercury | Dissolved | = | 1010 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Metal | Mercury | Dissolved | = | 101 | % | EPA 245.1 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Metal | Mercury | Dissolved | DNQ | 19 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/16/2010 | Metal | Mercury | Total | = | 1020 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | 000NONPJ | matrix spike | 2/16/2010 | Metal | Mercury | Total | = | 1020 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/16/2010 | Metal | Mercury | Total | = | 1030 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/16/2010 | Metal | Mercury | Total | = | 1010 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/16/2010 | Metal | Mercury | Total | = | 100 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/16/2010 | Metal | Mercury | Total | = | 98 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/16/2010 | Metal | Mercury | Total | = | 99 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/16/2010 | Metal | Mercury | Total | = | 99 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/16/2010 | Metal | Mercury | Total | = | 1 | % | EPA 245.1 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/16/2010 | Metal | Mercury | Total | = | 1 | % | EPA 245.1 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/19/2010 | Metal | Mercury | Total | = | 1090 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/19/2010 | Metal | Mercury | Total | = | 1100 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/19/2010 | Metal | Mercury | Total | = | 1080 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/19/2010 | Metal | Mercury | Total | = | 1080 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/19/2010 | Metal | Mercury | Total | = | 102 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/19/2010 | Metal | Mercury | Total | = | 104 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/19/2010 | Metal | Mercury | Total | = | 105 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/19/2010 | Metal | Mercury | Total | = | 104 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/19/2010 | Metal | Mercury | Total | = | 2 | % | EPA 245.1 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/19/2010 | Metal | Mercury | Total | = | 0.9 | % | EPA 245.1 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Metal | Mercury | Total | = | 1010 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Metal | Mercury | Total | = | 101 | % | EPA 245.1 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Metal | Mercury | Total | DNQ | 19 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3 | Lab | LCS | 2/19/2010 | Metal | Mercury | Total | = | 1050 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/19/2010 | Metal | Mercury | Total | = | 105 | % | EPA 245.1 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/19/2010 | Metal | Mercury | Total | DNQ | 33 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3 | MO-OJA | field duplicate | 2/19/2010 | Metal | Mercury | Total | DNQ | 39 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Nickel | Dissolved | = | 51.8 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Nickel | Dissolved | = | 104 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Nickel | Dissolved | DNQ | 0.02 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Nickel | Total | = | 51.8 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Nickel | Total | = | 104 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Nickel | Total | DNQ | 0.02 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/18/2010 | Metal | Nickel | Total | = | 69.6 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/18/2010 | Metal | Nickel | Total | = | 69.3 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/18/2010 | Metal | Nickel | Total | = | 90 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/18/2010 | Metal | Nickel | Total | = | 91 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/18/2010 | Metal | Nickel | Total | = | 0.5 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | ME-VR2 | matrix spike | 2/18/2010 | Metal | Nickel | Total | = | 68.4 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 2/18/2010 | Metal | Nickel | Total | = | 71.5 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 2/18/2010 | Metal | Nickel | Total | = | 100 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 2/18/2010 | Metal | Nickel | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 2/18/2010 | Metal | Nickel | Total | = | 4 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Selenium | Dissolved | = | 51 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Selenium | Dissolved | = | 102 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Selenium | Dissolved | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Selenium | Total | = | 51 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Selenium | Total | = | 102 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Selenium | Total | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/18/2010 | Metal | Selenium | Total | = | 49.4 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/18/2010 | Metal | Selenium | Total | = | 48.4 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/18/2010 | Metal | Selenium | Total | = | 93 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/18/2010 | Metal | Selenium | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/18/2010 | Metal | Selenium | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | ME-VR2 | matrix spike | 2/18/2010 | Metal | Selenium | Total | = | 50.4 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 2/18/2010 | Metal | Selenium | Total | = | 51 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 2/18/2010 | Metal | Selenium | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 2/18/2010 | Metal | Selenium | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 2/18/2010 | Metal | Selenium | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Silver | Dissolved | = | 48.7 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Silver | Dissolved | = | 98 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Silver | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Silver | Total | = | 48.7 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Silver | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Silver | Total | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/18/2010 | Metal | Silver | Total | = | 46.7 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/18/2010 | Metal | Silver | Total | = | 45.7 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/18/2010 | Metal | Silver | Total | = | 91 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/18/2010 | Metal | Silver | Total | = | 93 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/18/2010 | Metal | Silver | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | ME-VR2 | matrix spike | 2/18/2010 | Metal | Silver | Total | = | 46 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 2/18/2010 | Metal | Silver | Total | = | 46.2 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 2/18/2010 | Metal | Silver | Total | = | 92 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 2/18/2010 | Metal | Silver | Total | = | 92 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 2/18/2010 | Metal | Silver | Total | = | 0.5 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Thallium | Dissolved | = | 49.9 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Thallium | Dissolved | = | 100 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Thallium | Total | = | 49.9 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Thallium | Total | = | 100 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/18/2010 | Metal | Thallium | Total | = | 50.3 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/18/2010 | Metal | Thallium | Total | = | 49.3 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/18/2010 | Metal | Thallium | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/18/2010 | Metal | Thallium | Total | = | 100 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/18/2010 | Metal | Thallium | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | ME-VR2 | matrix spike | 2/18/2010 | Metal | Thallium | Total | = | 50 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 2/18/2010 | Metal | Thallium | Total | = | 51.4 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 2/18/2010 | Metal | Thallium | Total | = | 103 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 2/18/2010 | Metal | Thallium | Total | = | 100 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 2/18/2010 | Metal | Thallium | Total | = | 3 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Zinc | Dissolved | = | 50.4 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Zinc | Dissolved | = | 101 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Zinc | Dissolved | DNQ | 0.51 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Metal | Zinc | Total | = | 50.4 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|------------------------|----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Metal | Zinc | Total | = | 101 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Metal | Zinc | Total | DNQ | 0.51 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/18/2010 | Metal | Zinc | Total | = | 123 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/18/2010 | Metal | Zinc | Total | = | 122 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/18/2010 | Metal | Zinc | Total | = | 86 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/18/2010 | Metal | Zinc | Total | = | 88 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/18/2010 | Metal | Zinc | Total | = | 0.7 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | ME-VR2 | matrix spike | 2/18/2010 | Metal | Zinc | Total | = | 79.1 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 2/18/2010 | Metal | Zinc | Total | = | 73.9 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 2/18/2010 | Metal | Zinc | Total | = | 93 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 2/18/2010 | Metal | Zinc | Total | = | 104 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 2/18/2010 | Metal | Zinc | Total | = | 7 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/17/2010 | Nutrient | Ammonia as N | n/a | = | 1.04 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/17/2010 | Nutrient | Ammonia as N | n/a | = | 2 | mg/L | EPA 350.1 | 0.096 | 0.2 | | | D |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/17/2010 | Nutrient | Ammonia as N | n/a | = | 1.99 | mg/L | EPA 350.1 | 0.096 | 0.2 | | | D |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/17/2010 | Nutrient | Ammonia as N | n/a | = | 1.05 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/17/2010 | Nutrient | Ammonia as N | n/a | = | 103 | % | EPA 350.1 | -88 | -88 | 90 | 110 | D |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/17/2010 | Nutrient | Ammonia as N | n/a | = | 105 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/17/2010 | Nutrient | Ammonia as N | n/a | = | 104 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/17/2010 | Nutrient | Ammonia as N | n/a | = | 104 | % | EPA 350.1 | -88 | -88 | 90 | 110 | D |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/17/2010 | Nutrient | Ammonia as N | n/a | = | 0.6 | % | EPA 350.1 | -88 | -88 | 0 | 10 | D |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/17/2010 | Nutrient | Ammonia as N | n/a | = | 1 | % | EPA 350.1 | -88 | -88 | 0 | 10 | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Nutrient | Ammonia as N | n/a | = | 1.03 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Nutrient | Ammonia as N | n/a | = | 103 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Nutrient | Ammonia as N | n/a | < | 0.048 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/8/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 2.1 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/8/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 2.14 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/8/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 107 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/8/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 105 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/8/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 2 | % | EPA 353.2 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/12/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 5 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/12/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 5.04 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/12/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 5.02 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/12/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 4.95 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/12/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 105 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/12/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 99 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/12/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 102 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/12/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 106 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/12/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 0.3 | % | EPA 353.2 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/12/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 1 | % | EPA 353.2 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | Lab | LCS | 2/8/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 1.08 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/8/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 108 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | Lab | method blank | 2/8/2010 | Nutrient | Nitrate + Nitrite as N | n/a | < | 0.033 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS | 2/12/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 1.06 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/12/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 106 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | Lab | method blank | 2/12/2010 | Nutrient | Nitrate + Nitrite as N | n/a | < | 0.033 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike | 2/8/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 3.66 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|------------------------|-----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | ME-VR2 | matrix spike dup | 2/8/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 3.6 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 2/8/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 103 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 2/8/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 106 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 2/8/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 2 | % | EPA 353.2 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/8/2010 | Nutrient | Nitrate as N | n/a | = | 2.1 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/8/2010 | Nutrient | Nitrate as N | n/a | = | 2.14 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/8/2010 | Nutrient | Nitrate as N | n/a | = | 107 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/8/2010 | Nutrient | Nitrate as N | n/a | = | 105 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/8/2010 | Nutrient | Nitrate as N | n/a | = | 2 | % | EPA 353.2 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | Lab | LCS | 2/8/2010 | Nutrient | Nitrate as N | n/a | = | 1.08 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/8/2010 | Nutrient | Nitrate as N | n/a | = | 108 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | Lab | method blank | 2/8/2010 | Nutrient | Nitrate as N | n/a | DNQ | 0.022 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike | 2/8/2010 | Nutrient | Nitrate as N | n/a | = | 3.66 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 2/8/2010 | Nutrient | Nitrate as N | n/a | = | 3.6 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 2/8/2010 | Nutrient | Nitrate as N | n/a | = | 103 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 2/8/2010 | Nutrient | Nitrate as N | n/a | = | 106 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 2/8/2010 | Nutrient | Nitrate as N | n/a | = | 2 | % | EPA 353.2 | -88 | -88 | 0 | 20 | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/18/2010 | Nutrient | Phosphorus as P | Dissolved | = | 0.0765 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/18/2010 | Nutrient | Phosphorus as P | Dissolved | = | 0.164 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/18/2010 | Nutrient | Phosphorus as P | Dissolved | = | 0.0741 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/18/2010 | Nutrient | Phosphorus as P | Dissolved | = | 0.169 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/18/2010 | Nutrient | Phosphorus as P | Dissolved | = | 102 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/18/2010 | Nutrient | Phosphorus as P | Dissolved | = | 112 | % | EPA 365.1 | -88 | -88 | 90 | 110 | GB |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/18/2010 | Nutrient | Phosphorus as P | Dissolved | = | 107 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/18/2010 | Nutrient | Phosphorus as P | Dissolved | = | 102 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/18/2010 | Nutrient | Phosphorus as P | Dissolved | = | 3 | % | EPA 365.1 | -88 | -88 | 0 | 10 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/18/2010 | Nutrient | Phosphorus as P | Dissolved | = | 3 | % | EPA 365.1 | -88 | -88 | 0 | 10 | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Nutrient | Phosphorus as P | Dissolved | = | 0.0491 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Nutrient | Phosphorus as P | Dissolved | = | 98 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Nutrient | Phosphorus as P | Dissolved | DNQ | 0.0018 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/18/2010 | Nutrient | Phosphorus as P | Total | = | 0.164 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/18/2010 | Nutrient | Phosphorus as P | Total | = | 0.0765 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/18/2010 | Nutrient | Phosphorus as P | Total | = | 0.169 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/18/2010 | Nutrient | Phosphorus as P | Total | = | 0.0741 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/18/2010 | Nutrient | Phosphorus as P | Total | = | 112 | % | EPA 365.1 | -88 | -88 | 90 | 110 | GB |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/18/2010 | Nutrient | Phosphorus as P | Total | = | 102 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/18/2010 | Nutrient | Phosphorus as P | Total | = | 102 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/18/2010 | Nutrient | Phosphorus as P | Total | = | 107 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/18/2010 | Nutrient | Phosphorus as P | Total | = | 3 | % | EPA 365.1 | -88 | -88 | 0 | 10 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/18/2010 | Nutrient | Phosphorus as P | Total | = | 3 | % | EPA 365.1 | -88 | -88 | 0 | 10 | X |
| 2009/10-3 | Lab | LCS | 2/18/2010 | Nutrient | Phosphorus as P | Total | = | 0.0491 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/18/2010 | Nutrient | Phosphorus as P | Total | = | 98 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | Lab | method blank | 2/18/2010 | Nutrient | Phosphorus as P | Total | DNQ | 0.0018 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 2/12/2010 | Nutrient | TKN | n/a | = | 0.914 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/12/2010 | Nutrient | TKN | n/a | = | 91 | % | EPA 351.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3 | Lab | method blank | 2/12/2010 | Nutrient | TKN | n/a | < | 0.074 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |
| 2009/10-3 | MO-CAM | matrix spike | 2/12/2010 | Nutrient | TKN | n/a | = | 2.28 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|------------------------|---------------|----------------|------------------------|----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | MO-CAM | matrix spike dup | 2/12/2010 | Nutrient | TKN | n/a | = | 2.22 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |
| 2009/10-3 | MO-CAM | matrix spike dup, rec | 2/12/2010 | Nutrient | TKN | n/a | = | 120 | % | EPA 351.2 | -88 | -88 | 90 | 110 | GB |
| 2009/10-3 | MO-CAM | matrix spike, rec | 2/12/2010 | Nutrient | TKN | n/a | = | 126 | % | EPA 351.2 | -88 | -88 | 90 | 110 | GB |
| 2009/10-3 | MO-CAM | matrix spike, RPD | 2/12/2010 | Nutrient | TKN | n/a | = | 3 | % | EPA 351.2 | -88 | -88 | 0 | 15 | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 36.5 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 73 | % | EPA 625 | -88 | -88 | 44 | 142 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 36.5 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 30.3 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 61 | % | EPA 625 | -88 | -88 | 44 | 142 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 73 | % | EPA 625 | -88 | -88 | 44 | 142 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 19 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 38 | µg/L | EPA 625 | 0.3 | 2 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 76 | % | EPA 625 | -88 | -88 | 32 | 129 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 37.4 | µg/L | EPA 625 | 0.3 | 2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 31.5 | µg/L | EPA 625 | 0.3 | 2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 63 | % | EPA 625 | -88 | -88 | 32 | 129 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 75 | % | EPA 625 | -88 | -88 | 32 | 129 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 17 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | srgt LCS | 2/9/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 9.94 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | Lab | srgt LCS dup | 2/9/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.3 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | Lab | srgt LCS dup, rec | 2/9/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 103 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | srgt LCS, rec | 2/9/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 99 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | srgt method blank | 2/9/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.1 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 2/9/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 101 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | srgt method blank | 2/11/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 12.1 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 2/11/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 121 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | srgt LCS | 2/12/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 11.2 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | Lab | srgt LCS dup | 2/12/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.1 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | Lab | srgt LCS dup, rec | 2/12/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 101 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | srgt LCS, rec | 2/12/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 112 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | srgt environ | 2/9/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 11 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | ME-CC | srgt environ, rec | 2/9/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 110 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 2/9/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.2 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 2/9/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 102 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | MO-CAM | srgt environ | 2/9/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.2 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | MO-CAM | srgt environ, rec | 2/9/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 102 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | MO-MEI | srgt environ | 2/9/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.4 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | MO-MEI | srgt environ, rec | 2/9/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 104 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | MO-OJA | srgt environ | 2/9/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.6 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 2/9/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 106 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | MO-OJA | srgt environ | 2/12/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 2/12/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 100 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | MO-VEN | srgt environ | 2/9/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.8 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | MO-VEN | srgt environ, rec | 2/9/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 108 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|-----------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 37.2 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 74 | % | EPA 625 | -88 | -88 | 0.1 | 172 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 37 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 30 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 60 | % | EPA 625 | -88 | -88 | 0.1 | 172 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 74 | % | EPA 625 | -88 | -88 | 0.1 | 172 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 21 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | srgt LCS | 2/17/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.75 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup | 2/17/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.88 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup, rec | 2/17/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 98 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3 | Lab | srgt LCS, rec | 2/17/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 95 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3 | Lab | srgt method blank | 2/17/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.78 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 2/17/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3 | Lab | srgt LCS | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.535 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.559 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup, rec | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 112 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3 | Lab | srgt LCS, rec | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 107 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3 | Lab | srgt method blank | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.442 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 88 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3 | ME-CC | srgt environ | 2/17/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.87 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt environ, rec | 2/17/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3 | ME-CC | srgt environ | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.522 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt environ, rec | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 104 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 2/17/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.72 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 2/17/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 94 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.457 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 91 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3 | MO-CAM | srgt environ | 2/17/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.85 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-CAM | srgt environ, rec | 2/17/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3 | MO-CAM | srgt environ | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.543 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-CAM | srgt environ, rec | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 109 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3 | MO-MEI | srgt environ | 2/17/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.66 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-MEI | srgt environ, rec | 2/17/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 93 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3 | MO-MEI | srgt environ | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.432 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-MEI | srgt environ, rec | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 86 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3 | MO-OJA | srgt environ | 2/17/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.82 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 2/17/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3 | MO-OJA | srgt environ | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.418 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 84 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3 | MO-VEN | srgt environ | 2/17/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.84 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt environ, rec | 2/17/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3 | MO-VEN | srgt matrix spike | 2/24/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.74 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt matrix spike dup | 2/24/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.24 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt matrix spike dup, rec | 2/24/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 85 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3 | MO-VEN | srgt matrix spike, rec | 2/24/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 95 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3 | MO-VEN | srgt environ | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.54 | µg/L | EPA 525.2 | -88 | -88 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | MO-VEN | srgt environ, rec | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 108 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 37.9 | µg/L | EPA 625 | 0.32 | 1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 76 | % | EPA 625 | -88 | -88 | 20 | 124 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 37.4 | µg/L | EPA 625 | 0.32 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 30.6 | µg/L | EPA 625 | 0.32 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 61 | % | EPA 625 | -88 | -88 | 20 | 124 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 75 | % | EPA 625 | -88 | -88 | 20 | 124 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 20 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | | | X |
| 2009/10-3 | Lab | srgt LCS | 2/16/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 23.4 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup | 2/16/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 21.9 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup, rec | 2/16/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 109 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-3 | Lab | srgt LCS, rec | 2/16/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 117 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | GN |
| 2009/10-3 | Lab | srgt method blank | 2/16/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 21 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 2/16/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 105 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-3 | Lab | srgt LCS | 2/20/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 117 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS, rec | 2/20/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 117 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-3 | Lab | srgt method blank | 2/20/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 102 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 2/20/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 102 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-3 | ME-CC | srgt environ | 2/17/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 21.5 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt environ, rec | 2/17/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 106 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-3 | ME-CC | srgt environ | 2/20/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 107 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt environ, rec | 2/20/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 107 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 2/17/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 22.9 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 2/17/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 114 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 2/20/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 85.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 2/20/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 85 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-3 | MO-CAM | srgt environ | 2/17/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 24 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-CAM | srgt environ, rec | 2/17/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 119 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | GN |
| 2009/10-3 | MO-CAM | srgt environ | 2/20/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 97.3 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-CAM | srgt environ, rec | 2/20/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 97 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-3 | MO-MEI | srgt environ | 2/17/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 21.6 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-MEI | srgt environ, rec | 2/17/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 107 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-3 | MO-MEI | srgt environ | 2/20/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 101 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-MEI | srgt environ, rec | 2/20/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 101 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-3 | MO-OJA | srgt environ | 2/17/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 24.3 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 2/17/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 118 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | GN |
| 2009/10-3 | MO-OJA | srgt environ | 2/20/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 115 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 2/20/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 115 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-3 | MO-VEN | srgt environ | 2/17/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 23.8 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt environ, rec | 2/17/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 117 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | GN |
| 2009/10-3 | MO-VEN | srgt environ | 2/20/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 106 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt environ, rec | 2/20/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 106 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-3 | MO-VEN | srgt matrix spike | 2/20/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 109 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt matrix spike dup | 2/20/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 102 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt matrix spike dup, rec | 2/20/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 102 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|-------------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | MO-VEN | srgt matrix spike, rec | 2/20/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 109 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | 2,4,6-Trichlorophenol | n/a | = | 6.74 | µg/L | EPA 8270Cm | 0.3 | 1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | 2,4,6-Trichlorophenol | n/a | = | 6.52 | µg/L | EPA 8270Cm | 0.3 | 1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | 2,4,6-Trichlorophenol | n/a | = | 130 | % | EPA 8270Cm | -88 | -88 | 39 | 125 | EUM |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | 2,4,6-Trichlorophenol | n/a | = | 135 | % | EPA 8270Cm | -88 | -88 | 39 | 125 | EUM |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | 2,4,6-Trichlorophenol | n/a | = | 3 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | 2,4,6-Trichlorophenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | | | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | 2,4-Dichlorophenol | n/a | = | 4.36 | µg/L | EPA 8270Cm | 0.51 | 1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | 2,4-Dichlorophenol | n/a | = | 4.3 | µg/L | EPA 8270Cm | 0.51 | 1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | 2,4-Dichlorophenol | n/a | = | 86 | % | EPA 8270Cm | -88 | -88 | 60 | 116 | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | 2,4-Dichlorophenol | n/a | = | 87 | % | EPA 8270Cm | -88 | -88 | 60 | 116 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | 2,4-Dichlorophenol | n/a | = | 1 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | 2,4-Dichlorophenol | n/a | < | 0.51 | µg/L | EPA 8270Cm | 0.51 | 1 | | | X |
| 2009/10-3 | Lab | srgt LCS | 2/23/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 10.3 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS, rec | 2/23/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 103 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | srgt method blank | 2/23/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 11.4 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 2/23/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 114 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | srgt environ | 2/23/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 10 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt environ, rec | 2/23/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 100 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | srgt matrix spike | 2/23/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 11.5 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt matrix spike dup | 2/23/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 10.1 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt matrix spike dup, rec | 2/23/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 101 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | srgt matrix spike, rec | 2/23/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 115 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 2/23/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 10.5 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 2/23/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 105 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | MO-CAM | srgt environ | 2/23/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 9.72 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-3 | MO-CAM | srgt environ, rec | 2/23/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 97 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | MO-MEI | srgt environ | 2/23/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 10.6 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-3 | MO-MEI | srgt environ, rec | 2/23/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 106 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | MO-OJA | srgt environ | 2/23/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 10.2 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 2/23/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 102 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | MO-VEN | srgt environ | 2/23/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 10.5 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt environ, rec | 2/23/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 105 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | 2,4-Dimethylphenol | n/a | = | 3.69 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | 2,4-Dimethylphenol | n/a | = | 3.66 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | 2,4-Dimethylphenol | n/a | = | 73 | % | EPA 8270Cm | -88 | -88 | 2 | 117 | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | 2,4-Dimethylphenol | n/a | = | 74 | % | EPA 8270Cm | -88 | -88 | 2 | 117 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | 2,4-Dimethylphenol | n/a | = | 0.8 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | 2,4-Dinitrophenol | n/a | = | 9.19 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | 2,4-Dinitrophenol | n/a | = | 8.76 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | 2,4-Dinitrophenol | n/a | = | 175 | % | EPA 8270Cm | -88 | -88 | 28 | 140 | EUM |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | 2,4-Dinitrophenol | n/a | = | 184 | % | EPA 8270Cm | -88 | -88 | 28 | 140 | EUM |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | 2,4-Dinitrophenol | n/a | = | 5 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 48.7 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 97 | % | EPA 625 | -88 | -88 | 39 | 139 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|------------------------|---------------|----------------|---------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 41.8 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 39.4 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 79 | % | EPA 625 | -88 | -88 | 39 | 139 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 84 | % | EPA 625 | -88 | -88 | 39 | 139 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 41.4 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 83 | % | EPA 625 | -88 | -88 | 50 | 158 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 36.7 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 35.2 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 70 | % | EPA 625 | -88 | -88 | 50 | 158 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 73 | % | EPA 625 | -88 | -88 | 50 | 158 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 4 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | MO-OJA | field duplicate | 2/12/2010 | Organic | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | | | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | 2-Chloronaphthalene | n/a | = | 38.8 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | 2-Chloronaphthalene | n/a | = | 78 | % | EPA 625 | -88 | -88 | 60 | 118 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | 2-Chloronaphthalene | n/a | = | 37.2 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | 2-Chloronaphthalene | n/a | = | 33 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | 2-Chloronaphthalene | n/a | = | 66 | % | EPA 625 | -88 | -88 | 60 | 118 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | 2-Chloronaphthalene | n/a | = | 74 | % | EPA 625 | -88 | -88 | 60 | 118 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | 2-Chloronaphthalene | n/a | = | 12 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | 2-Chlorophenol | n/a | = | 3.56 | µg/L | EPA 8270Cm | 0.65 | 1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | 2-Chlorophenol | n/a | = | 3.58 | µg/L | EPA 8270Cm | 0.65 | 1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | 2-Chlorophenol | n/a | = | 72 | % | EPA 8270Cm | -88 | -88 | 56 | 98 | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | 2-Chlorophenol | n/a | = | 71 | % | EPA 8270Cm | -88 | -88 | 56 | 98 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | 2-Chlorophenol | n/a | = | 0.6 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | | | X |
| 2009/10-3 | Lab | srgt LCS | 2/16/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 8.05 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup | 2/16/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 7.73 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup, rec | 2/16/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 77 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-3 | Lab | srgt LCS, rec | 2/16/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 80 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-3 | Lab | srgt method blank | 2/16/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 6.7 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 2/16/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 67 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-3 | Lab | srgt LCS | 2/20/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 38.9 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS, rec | 2/20/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 78 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-3 | Lab | srgt method blank | 2/20/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 37.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 2/20/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 75 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-3 | ME-CC | srgt environ | 2/16/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 6.97 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt environ, rec | 2/16/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 69 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-3 | ME-CC | srgt environ | 2/20/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 37.9 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt environ, rec | 2/20/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 76 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 2/16/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 8.03 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 2/16/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 80 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 2/20/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 31.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 2/20/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 62 | % | EPA 625 | -88 | -88 | 22 | 130 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|------------------|----------|------|--------|-------|------------|-----|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | ME-VR2 | srgt matrix spike | 3/17/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 7.03 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt matrix spike dup | 3/17/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 7.02 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt matrix spike dup, rec | 3/17/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 70 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-3 | ME-VR2 | srgt matrix spike, rec | 3/17/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 70 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-3 | MO-CAM | srgt environ | 2/16/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 7.8 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-CAM | srgt environ, rec | 2/16/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 77 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-3 | MO-CAM | srgt environ | 2/20/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 36 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-CAM | srgt environ, rec | 2/20/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 72 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-3 | MO-MEI | srgt environ | 2/16/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 7.87 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-MEI | srgt environ, rec | 2/16/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 78 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-3 | MO-MEI | srgt environ | 2/20/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 39.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-MEI | srgt environ, rec | 2/20/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 78 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-3 | MO-OJA | srgt environ | 2/16/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 8.38 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 2/16/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 82 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-3 | MO-OJA | srgt environ | 2/20/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 43.4 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 2/20/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 87 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-3 | MO-VEN | srgt environ | 2/16/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 7.93 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt environ, rec | 2/16/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 78 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-3 | MO-VEN | srgt environ | 2/20/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 36.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt environ, rec | 2/20/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 73 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-3 | MO-VEN | srgt matrix spike | 2/20/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 35.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt matrix spike dup | 2/20/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 32 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt matrix spike dup, rec | 2/20/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 64 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-3 | MO-VEN | srgt matrix spike, rec | 2/20/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 71 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-3 | Lab | srgt LCS | 2/16/2010 | Organic | 2-Fluorophenol | n/a | = | 7.85 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup | 2/16/2010 | Organic | 2-Fluorophenol | n/a | = | 7.81 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup, rec | 2/16/2010 | Organic | 2-Fluorophenol | n/a | = | 39 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-3 | Lab | srgt LCS, rec | 2/16/2010 | Organic | 2-Fluorophenol | n/a | = | 39 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-3 | Lab | srgt method blank | 2/16/2010 | Organic | 2-Fluorophenol | n/a | = | 7.07 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 2/16/2010 | Organic | 2-Fluorophenol | n/a | = | 35 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-3 | Lab | srgt LCS | 2/20/2010 | Organic | 2-Fluorophenol | n/a | = | 52.8 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS, rec | 2/20/2010 | Organic | 2-Fluorophenol | n/a | = | 53 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-3 | Lab | srgt method blank | 2/20/2010 | Organic | 2-Fluorophenol | n/a | = | 54.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 2/20/2010 | Organic | 2-Fluorophenol | n/a | = | 54 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-3 | ME-CC | srgt environ | 2/17/2010 | Organic | 2-Fluorophenol | n/a | = | 6.76 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt environ, rec | 2/17/2010 | Organic | 2-Fluorophenol | n/a | = | 33 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-3 | ME-CC | srgt environ | 2/20/2010 | Organic | 2-Fluorophenol | n/a | = | 43.8 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt environ, rec | 2/20/2010 | Organic | 2-Fluorophenol | n/a | = | 44 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 2/17/2010 | Organic | 2-Fluorophenol | n/a | = | 7.08 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 2/17/2010 | Organic | 2-Fluorophenol | n/a | = | 35 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 2/20/2010 | Organic | 2-Fluorophenol | n/a | = | 42.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 2/20/2010 | Organic | 2-Fluorophenol | n/a | = | 43 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-3 | MO-CAM | srgt environ | 2/17/2010 | Organic | 2-Fluorophenol | n/a | = | 7.2 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-CAM | srgt environ, rec | 2/17/2010 | Organic | 2-Fluorophenol | n/a | = | 36 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-3 | MO-CAM | srgt environ | 2/20/2010 | Organic | 2-Fluorophenol | n/a | = | 48.8 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-CAM | srgt environ, rec | 2/20/2010 | Organic | 2-Fluorophenol | n/a | = | 49 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-3 | MO-MEI | srgt environ | 2/17/2010 | Organic | 2-Fluorophenol | n/a | = | 7.31 | µg/L | EPA 8270Cm | -88 | -88 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|----------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | MO-MEI | srgt environ, rec | 2/17/2010 | Organic | 2-Fluorophenol | n/a | = | 36 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-3 | MO-MEI | srgt environ | 2/20/2010 | Organic | 2-Fluorophenol | n/a | = | 47.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-MEI | srgt environ, rec | 2/20/2010 | Organic | 2-Fluorophenol | n/a | = | 47 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-3 | MO-OJA | srgt environ | 2/17/2010 | Organic | 2-Fluorophenol | n/a | = | 7.34 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 2/17/2010 | Organic | 2-Fluorophenol | n/a | = | 36 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-3 | MO-OJA | srgt environ | 2/20/2010 | Organic | 2-Fluorophenol | n/a | = | 56.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 2/20/2010 | Organic | 2-Fluorophenol | n/a | = | 57 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-3 | MO-VEN | srgt environ | 2/17/2010 | Organic | 2-Fluorophenol | n/a | = | 7.51 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt environ, rec | 2/17/2010 | Organic | 2-Fluorophenol | n/a | = | 37 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-3 | MO-VEN | srgt environ | 2/20/2010 | Organic | 2-Fluorophenol | n/a | = | 49.4 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt environ, rec | 2/20/2010 | Organic | 2-Fluorophenol | n/a | = | 49 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-3 | MO-VEN | srgt matrix spike | 2/20/2010 | Organic | 2-Fluorophenol | n/a | = | 48.3 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt matrix spike dup | 2/20/2010 | Organic | 2-Fluorophenol | n/a | = | 45.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt matrix spike dup, rec | 2/20/2010 | Organic | 2-Fluorophenol | n/a | = | 45 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-3 | MO-VEN | srgt matrix spike, rec | 2/20/2010 | Organic | 2-Fluorophenol | n/a | = | 48 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | | | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | 2-Nitrophenol | n/a | = | 8.46 | µg/L | EPA 8270Cm | 0.71 | 1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | 2-Nitrophenol | n/a | = | 8.33 | µg/L | EPA 8270Cm | 0.71 | 1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | 2-Nitrophenol | n/a | = | 167 | % | EPA 8270Cm | -88 | -88 | 54 | 121 | EUM |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | 2-Nitrophenol | n/a | = | 169 | % | EPA 8270Cm | -88 | -88 | 54 | 121 | EUM |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | 2-Nitrophenol | n/a | = | 2 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | | | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 22.2 | µg/L | EPA 625 | 0.3 | 5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 44 | % | EPA 625 | -88 | -88 | 0.1 | 262 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 0 | % | EPA 625 | -88 | -88 | 0.1 | 262 | GB |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 0 | % | EPA 625 | -88 | -88 | 0.1 | 262 | GB |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 0 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | 3-/4-Methylphenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | | | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | 4,6-Dinitro-2-methylphenol | n/a | = | 12.9 | µg/L | EPA 8270Cm | 0.14 | 1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | 4,6-Dinitro-2-methylphenol | n/a | = | 12.6 | µg/L | EPA 8270Cm | 0.14 | 1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | 4,6-Dinitro-2-methylphenol | n/a | = | 253 | % | EPA 8270Cm | -88 | -88 | 26 | 137 | EUM |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | 4,6-Dinitro-2-methylphenol | n/a | = | 259 | % | EPA 8270Cm | -88 | -88 | 26 | 137 | EUM |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | 4,6-Dinitro-2-methylphenol | n/a | = | 2 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | | | X |
| 2009/10-3 | Lab | srgt LCS | 2/9/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 10.1 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | Lab | srgt LCS dup | 2/9/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 10.1 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | Lab | srgt LCS dup, rec | 2/9/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 101 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | srgt LCS, rec | 2/9/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 101 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | srgt method blank | 2/9/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 10.2 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 2/9/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 102 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | srgt method blank | 2/11/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 11.9 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 2/11/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 119 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | srgt LCS | 2/12/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 10.4 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | Lab | srgt LCS dup | 2/12/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 10.1 | µg/L | EPA 524.2 | 0 | 0 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | srgt LCS dup, rec | 2/12/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 101 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | srgt LCS, rec | 2/12/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 104 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | srgt environ | 2/9/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 11 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | ME-CC | srgt environ, rec | 2/9/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 110 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 2/9/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 10.4 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 2/9/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 104 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | MO-CAM | srgt environ | 2/9/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 10.3 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | MO-CAM | srgt environ, rec | 2/9/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 103 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | MO-MEI | srgt environ | 2/9/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 11 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | MO-MEI | srgt environ, rec | 2/9/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 110 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | MO-OJA | srgt environ | 2/9/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 10.7 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 2/9/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 107 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | MO-OJA | srgt environ | 2/12/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 9.77 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 2/12/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 98 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | MO-VEN | srgt environ | 2/9/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 11.1 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3 | MO-VEN | srgt environ, rec | 2/9/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 111 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 44.8 | µg/L | EPA 625 | 0.23 | 5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 90 | % | EPA 625 | -88 | -88 | 56 | 127 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 42.4 | µg/L | EPA 625 | 0.23 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 40.5 | µg/L | EPA 625 | 0.23 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 81 | % | EPA 625 | -88 | -88 | 56 | 127 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 85 | % | EPA 625 | -88 | -88 | 56 | 127 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 5 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | 4-Chloro-3-methylphenol | n/a | = | 4.74 | µg/L | EPA 8270Cm | 0.37 | 1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | 4-Chloro-3-methylphenol | n/a | = | 4.63 | µg/L | EPA 8270Cm | 0.37 | 1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | 4-Chloro-3-methylphenol | n/a | = | 93 | % | EPA 8270Cm | -88 | -88 | 67 | 107 | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | 4-Chloro-3-methylphenol | n/a | = | 95 | % | EPA 8270Cm | -88 | -88 | 67 | 107 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | 4-Chloro-3-methylphenol | n/a | = | 2 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | | | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 60 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 120 | % | EPA 625 | -88 | -88 | 25 | 158 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 57.1 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 53.6 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 107 | % | EPA 625 | -88 | -88 | 25 | 158 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 114 | % | EPA 625 | -88 | -88 | 25 | 158 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | 4-Nitrophenol | n/a | = | 3.13 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | 4-Nitrophenol | n/a | = | 3.12 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | 4-Nitrophenol | n/a | = | 62 | % | EPA 8270Cm | -88 | -88 | 26 | 79 | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | 4-Nitrophenol | n/a | = | 63 | % | EPA 8270Cm | -88 | -88 | 26 | 79 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | 4-Nitrophenol | n/a | = | 0.3 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | Acenaphthene | n/a | = | 4.11 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | Acenaphthene | n/a | = | 3.98 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | Acenaphthene | n/a | = | 80 | % | EPA 8270Cm | -88 | -88 | 47 | 145 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-------------------|----------|------|--------|-------|------------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | Acenaphthene | n/a | = | 82 | % | EPA 8270Cm | -88 | -88 | 47 | 145 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | Acenaphthene | n/a | = | 3 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike | 3/17/2010 | Organic | Acenaphthene | n/a | = | 3.63 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 3/17/2010 | Organic | Acenaphthene | n/a | = | 3.24 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 3/17/2010 | Organic | Acenaphthene | n/a | = | 65 | % | EPA 8270Cm | -88 | -88 | 47 | 145 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 3/17/2010 | Organic | Acenaphthene | n/a | = | 73 | % | EPA 8270Cm | -88 | -88 | 47 | 145 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 3/17/2010 | Organic | Acenaphthene | n/a | = | 11 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | Acenaphthylene | n/a | = | 4.67 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | Acenaphthylene | n/a | = | 4.52 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | Acenaphthylene | n/a | = | 90 | % | EPA 8270Cm | -88 | -88 | 33 | 145 | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | Acenaphthylene | n/a | = | 93 | % | EPA 8270Cm | -88 | -88 | 33 | 145 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | Acenaphthylene | n/a | = | 3 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike | 3/17/2010 | Organic | Acenaphthylene | n/a | = | 4.12 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 3/17/2010 | Organic | Acenaphthylene | n/a | = | 3.81 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 3/17/2010 | Organic | Acenaphthylene | n/a | = | 76 | % | EPA 8270Cm | -88 | -88 | 33 | 145 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 3/17/2010 | Organic | Acenaphthylene | n/a | = | 82 | % | EPA 8270Cm | -88 | -88 | 33 | 145 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 3/17/2010 | Organic | Acenaphthylene | n/a | = | 8 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | Anthracene | n/a | = | 5.38 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | Anthracene | n/a | = | 5.32 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | Anthracene | n/a | = | 106 | % | EPA 8270Cm | -88 | -88 | 27 | 133 | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | Anthracene | n/a | = | 108 | % | EPA 8270Cm | -88 | -88 | 27 | 133 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | Anthracene | n/a | = | 1 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike | 3/17/2010 | Organic | Anthracene | n/a | = | 4.53 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 3/17/2010 | Organic | Anthracene | n/a | = | 4.68 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 3/17/2010 | Organic | Anthracene | n/a | = | 94 | % | EPA 8270Cm | -88 | -88 | 27 | 133 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 3/17/2010 | Organic | Anthracene | n/a | = | 91 | % | EPA 8270Cm | -88 | -88 | 27 | 133 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 3/17/2010 | Organic | Anthracene | n/a | = | 3 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | Benz(a)anthracene | n/a | = | 6.01 | µg/L | EPA 8270Cm | 0.28 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | Benz(a)anthracene | n/a | = | 5.92 | µg/L | EPA 8270Cm | 0.28 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | Benz(a)anthracene | n/a | = | 118 | % | EPA 8270Cm | -88 | -88 | 33 | 143 | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | Benz(a)anthracene | n/a | = | 120 | % | EPA 8270Cm | -88 | -88 | 33 | 143 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | Benz(a)anthracene | n/a | = | 2 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike | 3/17/2010 | Organic | Benz(a)anthracene | n/a | = | 5.12 | µg/L | EPA 8270Cm | 0.28 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 3/17/2010 | Organic | Benz(a)anthracene | n/a | = | 5.72 | µg/L | EPA 8270Cm | 0.28 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 3/17/2010 | Organic | Benz(a)anthracene | n/a | = | 114 | % | EPA 8270Cm | -88 | -88 | 33 | 143 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 3/17/2010 | Organic | Benz(a)anthracene | n/a | = | 102 | % | EPA 8270Cm | -88 | -88 | 33 | 143 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 3/17/2010 | Organic | Benz(a)anthracene | n/a | = | 11 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | Benidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | | | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Organic | Benzo(a)pyrene | n/a | = | 3.39 | µg/L | EPA 525.2 | 0.073 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Organic | Benzo(a)pyrene | n/a | = | 2.87 | µg/L | EPA 525.2 | 0.073 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Organic | Benzo(a)pyrene | n/a | = | 57 | % | EPA 525.2 | -88 | -88 | 54 | 136 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Organic | Benzo(a)pyrene | n/a | = | 68 | % | EPA 525.2 | -88 | -88 | 54 | 136 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Organic | Benzo(a)pyrene | n/a | = | 17 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|----------------------------|----------|------|--------|-------|------------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Organic | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/24/2010 | Organic | Benzo(a)pyrene | n/a | = | 3.26 | µg/L | EPA 525.2 | 0.073 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/24/2010 | Organic | Benzo(a)pyrene | n/a | = | 3.41 | µg/L | EPA 525.2 | 0.073 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/24/2010 | Organic | Benzo(a)pyrene | n/a | = | 68 | % | EPA 525.2 | -88 | -88 | 29 | 153 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/24/2010 | Organic | Benzo(a)pyrene | n/a | = | 65 | % | EPA 525.2 | -88 | -88 | 29 | 153 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/24/2010 | Organic | Benzo(a)pyrene | n/a | = | 4 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 5.68 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 5.22 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 104 | % | EPA 8270Cm | -88 | -88 | 24 | 159 | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 114 | % | EPA 8270Cm | -88 | -88 | 24 | 159 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 8 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike | 3/17/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 4.52 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 3/17/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 5.09 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 3/17/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 102 | % | EPA 8270Cm | -88 | -88 | 24 | 159 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 3/17/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 90 | % | EPA 8270Cm | -88 | -88 | 24 | 159 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 3/17/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 12 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 5.26 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 4.34 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 87 | % | EPA 8270Cm | -88 | -88 | 0.1 | 219 | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 105 | % | EPA 8270Cm | -88 | -88 | 0.1 | 219 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 19 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike | 3/17/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 5.73 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 3/17/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 5.83 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 3/17/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 117 | % | EPA 8270Cm | -88 | -88 | 0.1 | 219 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 3/17/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 115 | % | EPA 8270Cm | -88 | -88 | 0.1 | 219 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 3/17/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 2 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 5.46 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 5.1 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 102 | % | EPA 8270Cm | -88 | -88 | 11 | 162 | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 109 | % | EPA 8270Cm | -88 | -88 | 11 | 162 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 7 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike | 3/17/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 4.38 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 3/17/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 4.88 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 3/17/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 98 | % | EPA 8270Cm | -88 | -88 | 11 | 162 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 3/17/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 88 | % | EPA 8270Cm | -88 | -88 | 11 | 162 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 3/17/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 11 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 43.6 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 87 | % | EPA 625 | -88 | -88 | 33 | 184 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 40.1 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 37.6 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 75 | % | EPA 625 | -88 | -88 | 33 | 184 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 80 | % | EPA 625 | -88 | -88 | 33 | 184 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | Bis(2-chloroethyl)ether | n/a | = | 39.4 | µg/L | EPA 625 | 0.46 | 1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | Bis(2-chloroethyl)ether | n/a | = | 79 | % | EPA 625 | -88 | -88 | 12 | 158 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | Bis(2-chloroethyl)ether | n/a | = | 36 | µg/L | EPA 625 | 0.46 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | Bis(2-chloroethyl)ether | n/a | = | 33.7 | µg/L | EPA 625 | 0.46 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | Bis(2-chloroethyl)ether | n/a | = | 67 | % | EPA 625 | -88 | -88 | 12 | 158 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | Bis(2-chloroethyl)ether | n/a | = | 72 | % | EPA 625 | -88 | -88 | 12 | 158 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | Bis(2-chloroethyl)ether | n/a | = | 7 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 41.1 | µg/L | EPA 625 | 0.48 | 2 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 82 | % | EPA 625 | -88 | -88 | 36 | 166 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 37.7 | µg/L | EPA 625 | 0.48 | 2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 35.3 | µg/L | EPA 625 | 0.48 | 2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 71 | % | EPA 625 | -88 | -88 | 36 | 166 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 75 | % | EPA 625 | -88 | -88 | 36 | 166 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 7 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 3.63 | µg/L | EPA 525.2 | 0.23 | 3 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 3.01 | µg/L | EPA 525.2 | 0.23 | 3 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 60 | % | EPA 525.2 | -88 | -88 | 50 | 145 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 73 | % | EPA 525.2 | -88 | -88 | 50 | 145 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 19 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/24/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | DNQ | 4.29 | µg/L | EPA 525.2 | 0.23 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/24/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | DNQ | 4.4 | µg/L | EPA 525.2 | 0.23 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/24/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 88 | % | EPA 525.2 | -88 | -88 | 28 | 147 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/24/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 86 | % | EPA 525.2 | -88 | -88 | 28 | 147 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/24/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 3.94 | µg/L | EPA 525.2 | 1.1 | 3 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 3.28 | µg/L | EPA 525.2 | 1.1 | 3 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 66 | % | EPA 525.2 | -88 | -88 | 54 | 142 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 79 | % | EPA 525.2 | -88 | -88 | 54 | 142 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 18 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 3 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/24/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 5.21 | µg/L | EPA 525.2 | 1.1 | 3 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/24/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 5.21 | µg/L | EPA 525.2 | 1.1 | 3 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/24/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 104 | % | EPA 525.2 | -88 | -88 | 23 | 154 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/24/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 104 | % | EPA 525.2 | -88 | -88 | 23 | 154 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/24/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 0 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | Butyl benzyl phthalate | n/a | = | 50.1 | µg/L | EPA 625 | 1 | 5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | Butyl benzyl phthalate | n/a | = | 100 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | Butyl benzyl phthalate | n/a | = | 41 | µg/L | EPA 625 | 1 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | Butyl benzyl phthalate | n/a | = | 40 | µg/L | EPA 625 | 1 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | Butyl benzyl phthalate | n/a | = | 80 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | Butyl benzyl phthalate | n/a | = | 82 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | Butyl benzyl phthalate | n/a | = | 2 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | Chrysene | n/a | = | 4.65 | µg/L | EPA 8270Cm | 0.09 | 0.5 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-----------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | Chrysene | n/a | = | 4.71 | µg/L | EPA 8270Cm | 0.09 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | Chrysene | n/a | = | 94 | % | EPA 8270Cm | -88 | -88 | 17 | 168 | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | Chrysene | n/a | = | 93 | % | EPA 8270Cm | -88 | -88 | 17 | 168 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | Chrysene | n/a | = | 1 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike | 3/17/2010 | Organic | Chrysene | n/a | = | 4.08 | µg/L | EPA 8270Cm | 0.09 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 3/17/2010 | Organic | Chrysene | n/a | = | 4.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 3/17/2010 | Organic | Chrysene | n/a | = | 82 | % | EPA 8270Cm | -88 | -88 | 17 | 168 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 3/17/2010 | Organic | Chrysene | n/a | = | 82 | % | EPA 8270Cm | -88 | -88 | 17 | 168 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 3/17/2010 | Organic | Chrysene | n/a | = | 0.2 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 5.34 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 4.44 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 89 | % | EPA 8270Cm | -88 | -88 | 0.1 | 227 | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 107 | % | EPA 8270Cm | -88 | -88 | 0.1 | 227 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 18 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike | 3/17/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 5.5 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 3/17/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 5.64 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 3/17/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 113 | % | EPA 8270Cm | -88 | -88 | 0.1 | 227 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 3/17/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 110 | % | EPA 8270Cm | -88 | -88 | 0.1 | 227 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 3/17/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 3 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | Diethyl phthalate | n/a | = | 58.7 | µg/L | EPA 625 | 0.23 | 2 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | Diethyl phthalate | n/a | = | 117 | % | EPA 625 | -88 | -88 | 0.1 | 112 | EUM |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | Diethyl phthalate | n/a | = | 51.4 | µg/L | EPA 625 | 0.23 | 2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | Diethyl phthalate | n/a | = | 49.3 | µg/L | EPA 625 | 0.23 | 2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | Diethyl phthalate | n/a | = | 99 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | Diethyl phthalate | n/a | = | 103 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | Diethyl phthalate | n/a | = | 4 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | Dimethyl phthalate | n/a | = | 41.4 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | Dimethyl phthalate | n/a | = | 83 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | Dimethyl phthalate | n/a | = | 37.2 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | Dimethyl phthalate | n/a | = | 35.7 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | Dimethyl phthalate | n/a | = | 71 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | Dimethyl phthalate | n/a | = | 74 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | Dimethyl phthalate | n/a | = | 4 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | Di-n-butylphthalate | n/a | = | 70.1 | µg/L | EPA 625 | 0.53 | 5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | Di-n-butylphthalate | n/a | = | 140 | % | EPA 625 | -88 | -88 | 1 | 118 | EUM |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | Di-n-butylphthalate | n/a | DNQ | 0.76 | µg/L | EPA 625 | 0.53 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | Di-n-butylphthalate | n/a | = | 62.5 | µg/L | EPA 625 | 0.53 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | Di-n-butylphthalate | n/a | = | 62.1 | µg/L | EPA 625 | 0.53 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | Di-n-butylphthalate | n/a | = | 121 | % | EPA 625 | -88 | -88 | 1 | 118 | GB |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | Di-n-butylphthalate | n/a | = | 122 | % | EPA 625 | -88 | -88 | 1 | 118 | GB |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | Di-n-butylphthalate | n/a | = | 0.8 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | Di-n-octylphthalate | n/a | = | 46.8 | µg/L | EPA 625 | 0.28 | 5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | Di-n-octylphthalate | n/a | = | 94 | % | EPA 625 | -88 | -88 | 6 | 146 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|---------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | Di-n-octylphthalate | n/a | = | 41.2 | µg/L | EPA 625 | 0.28 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | Di-n-octylphthalate | n/a | = | 41.7 | µg/L | EPA 625 | 0.28 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | Di-n-octylphthalate | n/a | = | 83 | % | EPA 625 | -88 | -88 | 6 | 146 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | Di-n-octylphthalate | n/a | = | 82 | % | EPA 625 | -88 | -88 | 6 | 146 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | Di-n-octylphthalate | n/a | = | 1 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | Fluoranthene | n/a | = | 4.66 | µg/L | EPA 8270Cm | 0.2 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | Fluoranthene | n/a | = | 4.71 | µg/L | EPA 8270Cm | 0.2 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | Fluoranthene | n/a | = | 94 | % | EPA 8270Cm | -88 | -88 | 26 | 137 | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | Fluoranthene | n/a | = | 93 | % | EPA 8270Cm | -88 | -88 | 26 | 137 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | Fluoranthene | n/a | = | 1 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike | 3/17/2010 | Organic | Fluoranthene | n/a | = | 4.19 | µg/L | EPA 8270Cm | 0.2 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 3/17/2010 | Organic | Fluoranthene | n/a | = | 4.21 | µg/L | EPA 8270Cm | 0.2 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 3/17/2010 | Organic | Fluoranthene | n/a | = | 84 | % | EPA 8270Cm | -88 | -88 | 26 | 137 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 3/17/2010 | Organic | Fluoranthene | n/a | = | 84 | % | EPA 8270Cm | -88 | -88 | 26 | 137 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 3/17/2010 | Organic | Fluoranthene | n/a | = | 0.5 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | Fluorene | n/a | = | 4.33 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | Fluorene | n/a | = | 4.18 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | Fluorene | n/a | = | 84 | % | EPA 8270Cm | -88 | -88 | 59 | 121 | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | Fluorene | n/a | = | 87 | % | EPA 8270Cm | -88 | -88 | 59 | 121 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | Fluorene | n/a | = | 4 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike | 3/17/2010 | Organic | Fluorene | n/a | = | 3.88 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 3/17/2010 | Organic | Fluorene | n/a | = | 3.65 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 3/17/2010 | Organic | Fluorene | n/a | = | 73 | % | EPA 8270Cm | -88 | -88 | 59 | 121 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 3/17/2010 | Organic | Fluorene | n/a | = | 78 | % | EPA 8270Cm | -88 | -88 | 59 | 121 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 3/17/2010 | Organic | Fluorene | n/a | = | 6 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | Hexachlorobenzene | n/a | = | 53.1 | µg/L | EPA 625 | 0.15 | 1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | Hexachlorobenzene | n/a | = | 106 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | Hexachlorobenzene | n/a | = | 49 | µg/L | EPA 625 | 0.15 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | Hexachlorobenzene | n/a | = | 47.3 | µg/L | EPA 625 | 0.15 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | Hexachlorobenzene | n/a | = | 95 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | Hexachlorobenzene | n/a | = | 98 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | Hexachlorobenzene | n/a | = | 3 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | Hexachlorobutadiene | n/a | = | 37.2 | µg/L | EPA 625 | 0.41 | 1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | Hexachlorobutadiene | n/a | = | 74 | % | EPA 625 | -88 | -88 | 24 | 116 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | Hexachlorobutadiene | n/a | = | 38.2 | µg/L | EPA 625 | 0.41 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | Hexachlorobutadiene | n/a | = | 30.4 | µg/L | EPA 625 | 0.41 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | Hexachlorobutadiene | n/a | = | 61 | % | EPA 625 | -88 | -88 | 24 | 116 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | Hexachlorobutadiene | n/a | = | 76 | % | EPA 625 | -88 | -88 | 24 | 116 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | Hexachlorobutadiene | n/a | = | 23 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | Hexachlorocyclopentadiene | n/a | DNQ | 3.68 | µg/L | EPA 625 | 0 | 10 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 7 | % | EPA 625 | -88 | -88 | 0.1 | 136 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|--------------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | Hexachlorocyclopentadiene | n/a | DNQ | 6.46 | µg/L | EPA 625 | 5 | 10 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | Hexachlorocyclopentadiene | n/a | DNQ | 4.74 | µg/L | EPA 625 | 0 | 10 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 9 | % | EPA 625 | -88 | -88 | 0.1 | 146 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 13 | % | EPA 625 | -88 | -88 | 0.1 | 146 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 31 | % | EPA 625 | -88 | -88 | 0 | 30 | IL |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | Hexachloroethane | n/a | = | 33.6 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | Hexachloroethane | n/a | = | 67 | % | EPA 625 | -88 | -88 | 40 | 113 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | Hexachloroethane | n/a | = | 33.8 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | Hexachloroethane | n/a | = | 26 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | Hexachloroethane | n/a | = | 52 | % | EPA 625 | -88 | -88 | 40 | 113 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | Hexachloroethane | n/a | = | 68 | % | EPA 625 | -88 | -88 | 40 | 113 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | Hexachloroethane | n/a | = | 26 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 5.59 | µg/L | EPA 8270Cm | 0.1 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 4.53 | µg/L | EPA 8270Cm | 0.1 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 91 | % | EPA 8270Cm | -88 | -88 | 0.1 | 171 | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 112 | % | EPA 8270Cm | -88 | -88 | 0.1 | 171 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 21 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike | 3/17/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 5.69 | µg/L | EPA 8270Cm | 0.1 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 3/17/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 6.09 | µg/L | EPA 8270Cm | 0.1 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 3/17/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 122 | % | EPA 8270Cm | -88 | -88 | 0.1 | 171 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 3/17/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 114 | % | EPA 8270Cm | -88 | -88 | 0.1 | 171 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 3/17/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 7 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | Isophorone | n/a | = | 42.5 | µg/L | EPA 625 | 0.33 | 1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | Isophorone | n/a | = | 85 | % | EPA 625 | -88 | -88 | 21 | 196 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | Isophorone | n/a | = | 38.6 | µg/L | EPA 625 | 0.33 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | Isophorone | n/a | = | 36.8 | µg/L | EPA 625 | 0.33 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | Isophorone | n/a | = | 74 | % | EPA 625 | -88 | -88 | 21 | 196 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | Isophorone | n/a | = | 77 | % | EPA 625 | -88 | -88 | 21 | 196 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | Isophorone | n/a | = | 5 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/9/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 6.47 | µg/L | EPA 524.2 | 1.1 | 3 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/9/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 6.44 | µg/L | EPA 524.2 | 1.1 | 3 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/9/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 107 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | LCS, rec | 2/9/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 108 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/9/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 0.5 | % | EPA 524.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/9/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | | | X |
| 2009/10-3 | Lab | method blank | 2/11/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | | | X |
| 2009/10-3 | Lab | LCS | 2/12/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 6.4 | µg/L | EPA 524.2 | 1.1 | 3 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/12/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 6.24 | µg/L | EPA 524.2 | 1.1 | 3 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/12/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 104 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | LCS, rec | 2/12/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 107 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/12/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 3 | % | EPA 524.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | MO-OJA | field duplicate | 2/12/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | | | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | Naphthalene | n/a | = | 3.94 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | Naphthalene | n/a | = | 3.84 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|-----------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | Naphthalene | n/a | = | 77 | % | EPA 8270Cm | -88 | -88 | 21 | 133 | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | Naphthalene | n/a | = | 79 | % | EPA 8270Cm | -88 | -88 | 21 | 133 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | Naphthalene | n/a | = | 3 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike | 3/17/2010 | Organic | Naphthalene | n/a | = | 3.64 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 3/17/2010 | Organic | Naphthalene | n/a | = | 2.91 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 3/17/2010 | Organic | Naphthalene | n/a | = | 58 | % | EPA 8270Cm | -88 | -88 | 21 | 133 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 3/17/2010 | Organic | Naphthalene | n/a | = | 73 | % | EPA 8270Cm | -88 | -88 | 21 | 133 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 3/17/2010 | Organic | Naphthalene | n/a | = | 22 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | Nitrobenzene | n/a | = | 44.7 | µg/L | EPA 625 | 0.37 | 1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | Nitrobenzene | n/a | = | 89 | % | EPA 625 | -88 | -88 | 35 | 180 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | Nitrobenzene | n/a | = | 40.5 | µg/L | EPA 625 | 0.37 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | Nitrobenzene | n/a | = | 37.6 | µg/L | EPA 625 | 0.37 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | Nitrobenzene | n/a | = | 75 | % | EPA 625 | -88 | -88 | 35 | 180 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | Nitrobenzene | n/a | = | 81 | % | EPA 625 | -88 | -88 | 35 | 180 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | Nitrobenzene | n/a | = | 7 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | srgt LCS | 2/16/2010 | Organic | Nitrobenzene-d5 | n/a | = | 8.94 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup | 2/16/2010 | Organic | Nitrobenzene-d5 | n/a | = | 8.55 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup, rec | 2/16/2010 | Organic | Nitrobenzene-d5 | n/a | = | 86 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-3 | Lab | srgt LCS, rec | 2/16/2010 | Organic | Nitrobenzene-d5 | n/a | = | 89 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-3 | Lab | srgt method blank | 2/16/2010 | Organic | Nitrobenzene-d5 | n/a | = | 7.8 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 2/16/2010 | Organic | Nitrobenzene-d5 | n/a | = | 78 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-3 | Lab | srgt LCS | 2/20/2010 | Organic | Nitrobenzene-d5 | n/a | = | 44.8 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS, rec | 2/20/2010 | Organic | Nitrobenzene-d5 | n/a | = | 90 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-3 | Lab | srgt method blank | 2/20/2010 | Organic | Nitrobenzene-d5 | n/a | = | 43.3 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 2/20/2010 | Organic | Nitrobenzene-d5 | n/a | = | 87 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-3 | ME-CC | srgt environ | 2/16/2010 | Organic | Nitrobenzene-d5 | n/a | = | 8.26 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt environ, rec | 2/16/2010 | Organic | Nitrobenzene-d5 | n/a | = | 81 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-3 | ME-CC | srgt environ | 2/20/2010 | Organic | Nitrobenzene-d5 | n/a | = | 42.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt environ, rec | 2/20/2010 | Organic | Nitrobenzene-d5 | n/a | = | 85 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 2/16/2010 | Organic | Nitrobenzene-d5 | n/a | = | 8.57 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 2/16/2010 | Organic | Nitrobenzene-d5 | n/a | = | 85 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 2/20/2010 | Organic | Nitrobenzene-d5 | n/a | = | 35.4 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 2/20/2010 | Organic | Nitrobenzene-d5 | n/a | = | 71 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-3 | ME-VR2 | srgt matrix spike | 3/17/2010 | Organic | Nitrobenzene-d5 | n/a | = | 8.25 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt matrix spike dup | 3/17/2010 | Organic | Nitrobenzene-d5 | n/a | = | 8.42 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt matrix spike dup, rec | 3/17/2010 | Organic | Nitrobenzene-d5 | n/a | = | 84 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-3 | ME-VR2 | srgt matrix spike, rec | 3/17/2010 | Organic | Nitrobenzene-d5 | n/a | = | 82 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-3 | MO-CAM | srgt environ | 2/16/2010 | Organic | Nitrobenzene-d5 | n/a | = | 8.55 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-CAM | srgt environ, rec | 2/16/2010 | Organic | Nitrobenzene-d5 | n/a | = | 85 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-3 | MO-CAM | srgt environ | 2/20/2010 | Organic | Nitrobenzene-d5 | n/a | = | 40.6 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-CAM | srgt environ, rec | 2/20/2010 | Organic | Nitrobenzene-d5 | n/a | = | 81 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-3 | MO-MEI | srgt environ | 2/16/2010 | Organic | Nitrobenzene-d5 | n/a | = | 8.46 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-MEI | srgt environ, rec | 2/16/2010 | Organic | Nitrobenzene-d5 | n/a | = | 84 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-3 | MO-MEI | srgt environ | 2/20/2010 | Organic | Nitrobenzene-d5 | n/a | = | 45.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-MEI | srgt environ, rec | 2/20/2010 | Organic | Nitrobenzene-d5 | n/a | = | 90 | % | EPA 625 | -88 | -88 | 34 | 139 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|---------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | MO-OJA | srgt environ | 2/16/2010 | Organic | Nitrobenzene-d5 | n/a | = | 8.84 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 2/16/2010 | Organic | Nitrobenzene-d5 | n/a | = | 86 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-3 | MO-OJA | srgt environ | 2/20/2010 | Organic | Nitrobenzene-d5 | n/a | = | 48.9 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 2/20/2010 | Organic | Nitrobenzene-d5 | n/a | = | 98 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-3 | MO-VEN | srgt environ | 2/16/2010 | Organic | Nitrobenzene-d5 | n/a | = | 8.4 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt environ, rec | 2/16/2010 | Organic | Nitrobenzene-d5 | n/a | = | 83 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-3 | MO-VEN | srgt environ | 2/20/2010 | Organic | Nitrobenzene-d5 | n/a | = | 41.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt environ, rec | 2/20/2010 | Organic | Nitrobenzene-d5 | n/a | = | 82 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-3 | MO-VEN | srgt matrix spike | 2/20/2010 | Organic | Nitrobenzene-d5 | n/a | = | 40.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt matrix spike dup | 2/20/2010 | Organic | Nitrobenzene-d5 | n/a | = | 37.2 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt matrix spike dup, rec | 2/20/2010 | Organic | Nitrobenzene-d5 | n/a | = | 74 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-3 | MO-VEN | srgt matrix spike, rec | 2/20/2010 | Organic | Nitrobenzene-d5 | n/a | = | 81 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 33.2 | µg/L | EPA 625 | 0.36 | 5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 66 | % | EPA 625 | -88 | -88 | 27 | 78 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 33.6 | µg/L | EPA 625 | 0.36 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 30 | µg/L | EPA 625 | 0.36 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 60 | % | EPA 625 | -88 | -88 | 22 | 70 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 67 | % | EPA 625 | -88 | -88 | 22 | 70 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 11 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 47.3 | µg/L | EPA 625 | 0.41 | 5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 95 | % | EPA 625 | -88 | -88 | 0.1 | 230 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 42.9 | µg/L | EPA 625 | 0.41 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 41 | µg/L | EPA 625 | 0.41 | 5 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 82 | % | EPA 625 | -88 | -88 | 0.1 | 230 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 86 | % | EPA 625 | -88 | -88 | 0.1 | 230 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 5 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/20/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 52.4 | µg/L | EPA 625 | 0.23 | 1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/20/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 105 | % | EPA 625 | -88 | -88 | 48 | 129 | X |
| 2009/10-3 | Lab | method blank | 2/20/2010 | Organic | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/20/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 47.9 | µg/L | EPA 625 | 0.23 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/20/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 45.7 | µg/L | EPA 625 | 0.23 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/20/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 91 | % | EPA 625 | -88 | -88 | 17 | 138 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/20/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 96 | % | EPA 625 | -88 | -88 | 17 | 138 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/20/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 5 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | srgt LCS | 2/17/2010 | Organic | Perylene-d12 | n/a | = | 4.77 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup | 2/17/2010 | Organic | Perylene-d12 | n/a | = | 4.44 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup, rec | 2/17/2010 | Organic | Perylene-d12 | n/a | = | 89 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-3 | Lab | srgt LCS, rec | 2/17/2010 | Organic | Perylene-d12 | n/a | = | 95 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-3 | Lab | srgt method blank | 2/17/2010 | Organic | Perylene-d12 | n/a | = | 4.3 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 2/17/2010 | Organic | Perylene-d12 | n/a | = | 86 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-3 | ME-CC | srgt environ | 2/17/2010 | Organic | Perylene-d12 | n/a | = | 3.5 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt environ, rec | 2/17/2010 | Organic | Perylene-d12 | n/a | = | 70 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 2/17/2010 | Organic | Perylene-d12 | n/a | = | 3.69 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 2/17/2010 | Organic | Perylene-d12 | n/a | = | 74 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-3 | MO-CAM | srgt environ | 2/17/2010 | Organic | Perylene-d12 | n/a | = | 3.94 | µg/L | EPA 525.2 | -88 | -88 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|--------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | MO-CAM | srgt environ, rec | 2/17/2010 | Organic | Perylene-d12 | n/a | = | 79 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-3 | MO-MEI | srgt environ | 2/17/2010 | Organic | Perylene-d12 | n/a | = | 3.21 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-MEI | srgt environ, rec | 2/17/2010 | Organic | Perylene-d12 | n/a | = | 64 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-3 | MO-OJA | srgt environ | 2/17/2010 | Organic | Perylene-d12 | n/a | = | 3.69 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 2/17/2010 | Organic | Perylene-d12 | n/a | = | 74 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-3 | MO-VEN | srgt environ | 2/17/2010 | Organic | Perylene-d12 | n/a | = | 3.28 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt environ, rec | 2/17/2010 | Organic | Perylene-d12 | n/a | = | 66 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-3 | MO-VEN | srgt matrix spike | 2/24/2010 | Organic | Perylene-d12 | n/a | = | 3.25 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt matrix spike dup | 2/24/2010 | Organic | Perylene-d12 | n/a | = | 3.47 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt matrix spike dup, rec | 2/24/2010 | Organic | Perylene-d12 | n/a | = | 69 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-3 | MO-VEN | srgt matrix spike, rec | 2/24/2010 | Organic | Perylene-d12 | n/a | = | 65 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | Phenanthrene | n/a | = | 4.37 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | Phenanthrene | n/a | = | 4.32 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | Phenanthrene | n/a | = | 86 | % | EPA 8270Cm | -88 | -88 | 54 | 120 | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | Phenanthrene | n/a | = | 87 | % | EPA 8270Cm | -88 | -88 | 54 | 120 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | Phenanthrene | n/a | = | 1 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike | 3/17/2010 | Organic | Phenanthrene | n/a | = | 4 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 3/17/2010 | Organic | Phenanthrene | n/a | = | 3.85 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 3/17/2010 | Organic | Phenanthrene | n/a | = | 77 | % | EPA 8270Cm | -88 | -88 | 54 | 120 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 3/17/2010 | Organic | Phenanthrene | n/a | = | 80 | % | EPA 8270Cm | -88 | -88 | 54 | 120 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 3/17/2010 | Organic | Phenanthrene | n/a | = | 4 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | Phenol | n/a | = | 1.44 | µg/L | EPA 8270Cm | 0.35 | 1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | Phenol | n/a | = | 1.47 | µg/L | EPA 8270Cm | 0.35 | 1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | Phenol | n/a | = | 29 | % | EPA 8270Cm | -88 | -88 | 36 | 65 | EUM |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | Phenol | n/a | = | 29 | % | EPA 8270Cm | -88 | -88 | 36 | 65 | EUM |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | Phenol | n/a | = | 2 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | Phenol | n/a | < | 0.35 | µg/L | EPA 8270Cm | 0.35 | 1 | | | X |
| 2009/10-3 | Lab | srgt LCS | 2/16/2010 | Organic | Phenol-d5 | n/a | = | 5.24 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup | 2/16/2010 | Organic | Phenol-d5 | n/a | = | 5.18 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup, rec | 2/16/2010 | Organic | Phenol-d5 | n/a | = | 26 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-3 | Lab | srgt LCS, rec | 2/16/2010 | Organic | Phenol-d5 | n/a | = | 26 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-3 | Lab | srgt method blank | 2/16/2010 | Organic | Phenol-d5 | n/a | = | 4.68 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 2/16/2010 | Organic | Phenol-d5 | n/a | = | 23 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-3 | Lab | srgt LCS | 2/20/2010 | Organic | Phenol-d5 | n/a | = | 33.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS, rec | 2/20/2010 | Organic | Phenol-d5 | n/a | = | 34 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-3 | Lab | srgt method blank | 2/20/2010 | Organic | Phenol-d5 | n/a | = | 33.9 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 2/20/2010 | Organic | Phenol-d5 | n/a | = | 34 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-3 | ME-CC | srgt environ | 2/17/2010 | Organic | Phenol-d5 | n/a | = | 4.56 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt environ, rec | 2/17/2010 | Organic | Phenol-d5 | n/a | = | 22 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-3 | ME-CC | srgt environ | 2/20/2010 | Organic | Phenol-d5 | n/a | = | 28.8 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt environ, rec | 2/20/2010 | Organic | Phenol-d5 | n/a | = | 29 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 2/17/2010 | Organic | Phenol-d5 | n/a | = | 4.64 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 2/17/2010 | Organic | Phenol-d5 | n/a | = | 23 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 2/20/2010 | Organic | Phenol-d5 | n/a | = | 26.9 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 2/20/2010 | Organic | Phenol-d5 | n/a | = | 27 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-3 | MO-CAM | srgt environ | 2/17/2010 | Organic | Phenol-d5 | n/a | = | 4.58 | µg/L | EPA 8270Cm | -88 | -88 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|-----------------|----------|------|--------|-------|------------|-----|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | MO-CAM | srgt environ, rec | 2/17/2010 | Organic | Phenol-d5 | n/a | = | 23 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-3 | MO-CAM | srgt environ | 2/20/2010 | Organic | Phenol-d5 | n/a | = | 31.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-CAM | srgt environ, rec | 2/20/2010 | Organic | Phenol-d5 | n/a | = | 32 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-3 | MO-MEI | srgt environ | 2/17/2010 | Organic | Phenol-d5 | n/a | = | 5.05 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-MEI | srgt environ, rec | 2/17/2010 | Organic | Phenol-d5 | n/a | = | 25 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-3 | MO-MEI | srgt environ | 2/20/2010 | Organic | Phenol-d5 | n/a | = | 31.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-MEI | srgt environ, rec | 2/20/2010 | Organic | Phenol-d5 | n/a | = | 31 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-3 | MO-OJA | srgt environ | 2/17/2010 | Organic | Phenol-d5 | n/a | = | 4.98 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 2/17/2010 | Organic | Phenol-d5 | n/a | = | 24 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-3 | MO-OJA | srgt environ | 2/20/2010 | Organic | Phenol-d5 | n/a | = | 36.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 2/20/2010 | Organic | Phenol-d5 | n/a | = | 37 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-3 | MO-VEN | srgt environ | 2/17/2010 | Organic | Phenol-d5 | n/a | = | 4.8 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt environ, rec | 2/17/2010 | Organic | Phenol-d5 | n/a | = | 24 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-3 | MO-VEN | srgt environ | 2/20/2010 | Organic | Phenol-d5 | n/a | = | 31.9 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt environ, rec | 2/20/2010 | Organic | Phenol-d5 | n/a | = | 32 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-3 | MO-VEN | srgt matrix spike | 2/20/2010 | Organic | Phenol-d5 | n/a | = | 30.3 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt matrix spike dup | 2/20/2010 | Organic | Phenol-d5 | n/a | = | 29.2 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt matrix spike dup, rec | 2/20/2010 | Organic | Phenol-d5 | n/a | = | 29 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-3 | MO-VEN | srgt matrix spike, rec | 2/20/2010 | Organic | Phenol-d5 | n/a | = | 30 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-3 | Lab | srgt LCS | 2/16/2010 | Organic | p-Terphenyl-d14 | n/a | = | 7.98 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup | 2/16/2010 | Organic | p-Terphenyl-d14 | n/a | = | 7.74 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup, rec | 2/16/2010 | Organic | p-Terphenyl-d14 | n/a | = | 77 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-3 | Lab | srgt LCS, rec | 2/16/2010 | Organic | p-Terphenyl-d14 | n/a | = | 80 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-3 | Lab | srgt method blank | 2/16/2010 | Organic | p-Terphenyl-d14 | n/a | = | 7.45 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 2/16/2010 | Organic | p-Terphenyl-d14 | n/a | = | 74 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-3 | Lab | srgt LCS | 2/20/2010 | Organic | p-Terphenyl-d14 | n/a | = | 29.2 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS, rec | 2/20/2010 | Organic | p-Terphenyl-d14 | n/a | = | 58 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-3 | Lab | srgt method blank | 2/20/2010 | Organic | p-Terphenyl-d14 | n/a | = | 30.8 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 2/20/2010 | Organic | p-Terphenyl-d14 | n/a | = | 62 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-3 | ME-CC | srgt environ | 2/16/2010 | Organic | p-Terphenyl-d14 | n/a | = | 6.84 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt environ, rec | 2/16/2010 | Organic | p-Terphenyl-d14 | n/a | = | 67 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-3 | ME-CC | srgt environ | 2/20/2010 | Organic | p-Terphenyl-d14 | n/a | = | 25 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt environ, rec | 2/20/2010 | Organic | p-Terphenyl-d14 | n/a | = | 50 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 2/16/2010 | Organic | p-Terphenyl-d14 | n/a | = | 6.93 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 2/16/2010 | Organic | p-Terphenyl-d14 | n/a | = | 69 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 2/20/2010 | Organic | p-Terphenyl-d14 | n/a | = | 20.4 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 2/20/2010 | Organic | p-Terphenyl-d14 | n/a | = | 41 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-3 | ME-VR2 | srgt matrix spike | 3/17/2010 | Organic | p-Terphenyl-d14 | n/a | = | 5.09 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt matrix spike dup | 3/17/2010 | Organic | p-Terphenyl-d14 | n/a | = | 5.14 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt matrix spike dup, rec | 3/17/2010 | Organic | p-Terphenyl-d14 | n/a | = | 51 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-3 | ME-VR2 | srgt matrix spike, rec | 3/17/2010 | Organic | p-Terphenyl-d14 | n/a | = | 51 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-3 | MO-CAM | srgt environ | 2/16/2010 | Organic | p-Terphenyl-d14 | n/a | = | 6.95 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-CAM | srgt environ, rec | 2/16/2010 | Organic | p-Terphenyl-d14 | n/a | = | 69 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-3 | MO-CAM | srgt environ | 2/20/2010 | Organic | p-Terphenyl-d14 | n/a | = | 22.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-CAM | srgt environ, rec | 2/20/2010 | Organic | p-Terphenyl-d14 | n/a | = | 44 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-3 | MO-MEI | srgt environ | 2/16/2010 | Organic | p-Terphenyl-d14 | n/a | = | 6.57 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-MEI | srgt environ, rec | 2/16/2010 | Organic | p-Terphenyl-d14 | n/a | = | 65 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | MO-MEI | srgt environ | 2/20/2010 | Organic | p-Terphenyl-d14 | n/a | = | 22.8 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-MEI | srgt environ, rec | 2/20/2010 | Organic | p-Terphenyl-d14 | n/a | = | 46 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-3 | MO-OJA | srgt environ | 2/16/2010 | Organic | p-Terphenyl-d14 | n/a | = | 6.85 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 2/16/2010 | Organic | p-Terphenyl-d14 | n/a | = | 67 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-3 | MO-OJA | srgt environ | 2/20/2010 | Organic | p-Terphenyl-d14 | n/a | = | 26 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 2/20/2010 | Organic | p-Terphenyl-d14 | n/a | = | 52 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-3 | MO-VEN | srgt environ | 2/16/2010 | Organic | p-Terphenyl-d14 | n/a | = | 6.63 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt environ, rec | 2/16/2010 | Organic | p-Terphenyl-d14 | n/a | = | 65 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-3 | MO-VEN | srgt environ | 2/20/2010 | Organic | p-Terphenyl-d14 | n/a | = | 21 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt environ, rec | 2/20/2010 | Organic | p-Terphenyl-d14 | n/a | = | 42 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-3 | MO-VEN | srgt matrix spike | 2/20/2010 | Organic | p-Terphenyl-d14 | n/a | = | 28.9 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt matrix spike dup | 2/20/2010 | Organic | p-Terphenyl-d14 | n/a | = | 26.8 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt matrix spike dup, rec | 2/20/2010 | Organic | p-Terphenyl-d14 | n/a | = | 54 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-3 | MO-VEN | srgt matrix spike, rec | 2/20/2010 | Organic | p-Terphenyl-d14 | n/a | = | 58 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-3 | Lab | LCS | 2/16/2010 | Organic | Pyrene | n/a | = | 4.7 | µg/L | EPA 8270Cm | 0.21 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/16/2010 | Organic | Pyrene | n/a | = | 4.74 | µg/L | EPA 8270Cm | 0.21 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/16/2010 | Organic | Pyrene | n/a | = | 95 | % | EPA 8270Cm | -88 | -88 | 52 | 115 | X |
| 2009/10-3 | Lab | LCS, rec | 2/16/2010 | Organic | Pyrene | n/a | = | 94 | % | EPA 8270Cm | -88 | -88 | 52 | 115 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/16/2010 | Organic | Pyrene | n/a | = | 0.8 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/16/2010 | Organic | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike | 3/17/2010 | Organic | Pyrene | n/a | = | 4.11 | µg/L | EPA 8270Cm | 0.21 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup | 3/17/2010 | Organic | Pyrene | n/a | = | 4.23 | µg/L | EPA 8270Cm | 0.21 | 0.5 | | | X |
| 2009/10-3 | ME-VR2 | matrix spike dup, rec | 3/17/2010 | Organic | Pyrene | n/a | = | 85 | % | EPA 8270Cm | -88 | -88 | 52 | 115 | X |
| 2009/10-3 | ME-VR2 | matrix spike, rec | 3/17/2010 | Organic | Pyrene | n/a | = | 82 | % | EPA 8270Cm | -88 | -88 | 52 | 115 | X |
| 2009/10-3 | ME-VR2 | matrix spike, RPD | 3/17/2010 | Organic | Pyrene | n/a | = | 3 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | srgt LCS | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0523 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0469 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup, rec | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 47 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-3 | Lab | srgt LCS, rec | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 52 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-3 | Lab | srgt method blank | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0467 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 47 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-3 | ME-CC | srgt environ | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0392 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt environ, rec | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 35 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-3 | ME-CC | srgt matrix spike | 3/12/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0864 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt matrix spike dup | 3/12/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0824 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt matrix spike dup, rec | 3/12/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 82 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-3 | ME-CC | srgt matrix spike, rec | 3/12/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 86 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.038 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 38 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-3 | MO-CAM | srgt environ | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.047 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3 | MO-CAM | srgt environ, rec | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 47 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-3 | MO-MEI | srgt environ | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0456 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3 | MO-MEI | srgt environ, rec | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 46 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-3 | MO-OJA | srgt environ | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0421 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 42 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-3 | MO-VEN | srgt environ | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0475 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt environ, rec | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 47 | % | EPA 608 | -88 | -88 | 26 | 131 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|--------------------|----------|------|--------|-------|-----------|-----|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | srgt LCS | 2/17/2010 | Organic | Triphenylphosphate | n/a | = | 4.92 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup | 2/17/2010 | Organic | Triphenylphosphate | n/a | = | 4.7 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup, rec | 2/17/2010 | Organic | Triphenylphosphate | n/a | = | 94 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3 | Lab | srgt LCS, rec | 2/17/2010 | Organic | Triphenylphosphate | n/a | = | 98 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3 | Lab | srgt method blank | 2/17/2010 | Organic | Triphenylphosphate | n/a | = | 4.46 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 2/17/2010 | Organic | Triphenylphosphate | n/a | = | 89 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3 | Lab | srgt LCS | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 0.608 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 0.568 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup, rec | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 114 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3 | Lab | srgt LCS, rec | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 122 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3 | Lab | srgt method blank | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 0.601 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 120 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3 | ME-CC | srgt environ | 2/17/2010 | Organic | Triphenylphosphate | n/a | = | 4.78 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt environ, rec | 2/17/2010 | Organic | Triphenylphosphate | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3 | ME-CC | srgt environ | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 0.563 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt environ, rec | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 113 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 2/17/2010 | Organic | Triphenylphosphate | n/a | = | 4.59 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 2/17/2010 | Organic | Triphenylphosphate | n/a | = | 92 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 0.48 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3 | MO-CAM | srgt environ | 2/17/2010 | Organic | Triphenylphosphate | n/a | = | 4.52 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-CAM | srgt environ, rec | 2/17/2010 | Organic | Triphenylphosphate | n/a | = | 90 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3 | MO-CAM | srgt environ | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 0.564 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-CAM | srgt environ, rec | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 113 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3 | MO-MEI | srgt environ | 2/17/2010 | Organic | Triphenylphosphate | n/a | = | 4.45 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-MEI | srgt environ, rec | 2/17/2010 | Organic | Triphenylphosphate | n/a | = | 89 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3 | MO-MEI | srgt environ | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 0.401 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-MEI | srgt environ, rec | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 80 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3 | MO-OJA | srgt environ | 2/17/2010 | Organic | Triphenylphosphate | n/a | = | 4.31 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 2/17/2010 | Organic | Triphenylphosphate | n/a | = | 86 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3 | MO-OJA | srgt environ | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 0.406 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 81 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3 | MO-VEN | srgt environ | 2/17/2010 | Organic | Triphenylphosphate | n/a | = | 4.38 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt environ, rec | 2/17/2010 | Organic | Triphenylphosphate | n/a | = | 88 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3 | MO-VEN | srgt matrix spike | 2/24/2010 | Organic | Triphenylphosphate | n/a | = | 4.84 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt matrix spike dup | 2/24/2010 | Organic | Triphenylphosphate | n/a | = | 4.89 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt matrix spike dup, rec | 2/24/2010 | Organic | Triphenylphosphate | n/a | = | 98 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3 | MO-VEN | srgt matrix spike, rec | 2/24/2010 | Organic | Triphenylphosphate | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3 | MO-VEN | srgt environ | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 0.39 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt environ, rec | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 78 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3 | Lab | srgt LCS | 3/4/2010 | PCB | PCB 209 | n/a | = | 0.0795 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup | 3/4/2010 | PCB | PCB 209 | n/a | = | 0.0781 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt LCS dup, rec | 3/4/2010 | PCB | PCB 209 | n/a | = | 78 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-3 | Lab | srgt LCS, rec | 3/4/2010 | PCB | PCB 209 | n/a | = | 79 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-3 | Lab | srgt method blank | 3/4/2010 | PCB | PCB 209 | n/a | = | 0.076 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3 | Lab | srgt method blank, rec | 3/4/2010 | PCB | PCB 209 | n/a | = | 76 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-3 | ME-CC | srgt environ | 3/4/2010 | PCB | PCB 209 | n/a | = | 0.051 | µg/L | EPA 608 | -88 | -88 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|------------------|----------|------|--------|-------|-----------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | ME-CC | srgt environ, rec | 3/4/2010 | PCB | PCB 209 | n/a | = | 46 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-3 | ME-CC | srgt matrix spike | 3/12/2010 | PCB | PCB 209 | n/a | = | 0.077 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt matrix spike dup | 3/12/2010 | PCB | PCB 209 | n/a | = | 0.0678 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3 | ME-CC | srgt matrix spike dup, rec | 3/12/2010 | PCB | PCB 209 | n/a | = | 68 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-3 | ME-CC | srgt matrix spike, rec | 3/12/2010 | PCB | PCB 209 | n/a | = | 77 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-3 | ME-VR2 | srgt environ | 3/4/2010 | PCB | PCB 209 | n/a | = | 0.0414 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3 | ME-VR2 | srgt environ, rec | 3/4/2010 | PCB | PCB 209 | n/a | = | 41 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-3 | MO-CAM | srgt environ | 3/4/2010 | PCB | PCB 209 | n/a | = | 0.0614 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3 | MO-CAM | srgt environ, rec | 3/4/2010 | PCB | PCB 209 | n/a | = | 61 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-3 | MO-MEI | srgt environ | 3/4/2010 | PCB | PCB 209 | n/a | = | 0.0347 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3 | MO-MEI | srgt environ, rec | 3/4/2010 | PCB | PCB 209 | n/a | = | 35 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-3 | MO-OJA | srgt environ | 3/4/2010 | PCB | PCB 209 | n/a | = | 0.053 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3 | MO-OJA | srgt environ, rec | 3/4/2010 | PCB | PCB 209 | n/a | = | 53 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-3 | MO-VEN | srgt environ | 3/4/2010 | PCB | PCB 209 | n/a | = | 0.0583 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3 | MO-VEN | srgt environ, rec | 3/4/2010 | PCB | PCB 209 | n/a | = | 58 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | PCB | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | | | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | PCB | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | | | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | PCB | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | | | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | PCB | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | | | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | PCB | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | | | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | PCB | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | | | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | PCB | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS | 2/23/2010 | Pesticide | 2,4,5-T | n/a | = | 1.54 | µg/L | EPA 515.3 | 0.05 | 0.2 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/23/2010 | Pesticide | 2,4,5-T | n/a | = | 77 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | method blank | 2/23/2010 | Pesticide | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/23/2010 | Pesticide | 2,4,5-T | n/a | = | 1.84 | µg/L | EPA 515.3 | 0.05 | 0.2 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/23/2010 | Pesticide | 2,4,5-T | n/a | = | 1.75 | µg/L | EPA 515.3 | 0.05 | 0.2 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/23/2010 | Pesticide | 2,4,5-T | n/a | = | 88 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/23/2010 | Pesticide | 2,4,5-T | n/a | = | 92 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/23/2010 | Pesticide | 2,4,5-T | n/a | = | 5 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/23/2010 | Pesticide | 2,4,5-TP | n/a | = | 1.79 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/23/2010 | Pesticide | 2,4,5-TP | n/a | = | 89 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | method blank | 2/23/2010 | Pesticide | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/23/2010 | Pesticide | 2,4,5-TP | n/a | = | 2.12 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/23/2010 | Pesticide | 2,4,5-TP | n/a | = | 1.74 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/23/2010 | Pesticide | 2,4,5-TP | n/a | = | 87 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/23/2010 | Pesticide | 2,4,5-TP | n/a | = | 106 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/23/2010 | Pesticide | 2,4,5-TP | n/a | = | 20 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/23/2010 | Pesticide | 2,4-D | n/a | = | 1.59 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/23/2010 | Pesticide | 2,4-D | n/a | = | 80 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | method blank | 2/23/2010 | Pesticide | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/23/2010 | Pesticide | 2,4-D | n/a | = | 2.12 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/23/2010 | Pesticide | 2,4-D | n/a | = | 2.25 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/23/2010 | Pesticide | 2,4-D | n/a | = | 112 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/23/2010 | Pesticide | 2,4-D | n/a | = | 106 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/23/2010 | Pesticide | 2,4-D | n/a | = | 6 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/23/2010 | Pesticide | 2,4-DB | n/a | = | 2.06 | µg/L | EPA 515.3 | 0.42 | 2 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|--------------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | LCS, rec | 2/23/2010 | Pesticide | 2,4-DB | n/a | = | 103 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | method blank | 2/23/2010 | Pesticide | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/23/2010 | Pesticide | 2,4-DB | n/a | = | 12.7 | µg/L | EPA 515.3 | 0.42 | 2 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/23/2010 | Pesticide | 2,4-DB | n/a | = | 1.74 | µg/L | EPA 515.3 | 0.42 | 1 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/23/2010 | Pesticide | 2,4-DB | n/a | = | 87 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/23/2010 | Pesticide | 2,4-DB | n/a | = | 636 | % | EPA 515.3 | -88 | -88 | 70 | 130 | GB |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/23/2010 | Pesticide | 2,4-DB | n/a | = | 152 | % | EPA 515.3 | -88 | -88 | 0 | 30 | IL |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | | | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | | | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 2/23/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 1.42 | µg/L | EPA 515.3 | 0.08 | 1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/23/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 71 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | method blank | 2/23/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/23/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 1.54 | µg/L | EPA 515.3 | 0.08 | 1 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/23/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 1.48 | µg/L | EPA 515.3 | 0.08 | 1 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/23/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 74 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/23/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 77 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/23/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 4 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/4/2010 | Pesticide | 4,4'-DDD | n/a | = | 0.0647 | µg/L | EPA 608 | 0.003 | 0.05 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/4/2010 | Pesticide | 4,4'-DDD | n/a | = | 0.0641 | µg/L | EPA 608 | 0.003 | 0.05 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/4/2010 | Pesticide | 4,4'-DDD | n/a | = | 64 | % | EPA 608 | -88 | -88 | 30 | 141 | X |
| 2009/10-3 | Lab | LCS, rec | 3/4/2010 | Pesticide | 4,4'-DDD | n/a | = | 65 | % | EPA 608 | -88 | -88 | 30 | 141 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/4/2010 | Pesticide | 4,4'-DDD | n/a | = | 1 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 3/12/2010 | Pesticide | 4,4'-DDD | n/a | = | 0.101 | µg/L | EPA 608 | 0.003 | 0.05 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 3/12/2010 | Pesticide | 4,4'-DDD | n/a | = | 0.0986 | µg/L | EPA 608 | 0.003 | 0.05 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 3/12/2010 | Pesticide | 4,4'-DDD | n/a | = | 99 | % | EPA 608 | -88 | -88 | 31 | 141 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 3/12/2010 | Pesticide | 4,4'-DDD | n/a | = | 101 | % | EPA 608 | -88 | -88 | 31 | 141 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 3/12/2010 | Pesticide | 4,4'-DDD | n/a | = | 3 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/4/2010 | Pesticide | 4,4'-DDE | n/a | = | 0.0651 | µg/L | EPA 608 | 0.0025 | 0.05 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/4/2010 | Pesticide | 4,4'-DDE | n/a | = | 0.0645 | µg/L | EPA 608 | 0.0025 | 0.05 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/4/2010 | Pesticide | 4,4'-DDE | n/a | = | 64 | % | EPA 608 | -88 | -88 | 30 | 145 | X |
| 2009/10-3 | Lab | LCS, rec | 3/4/2010 | Pesticide | 4,4'-DDE | n/a | = | 65 | % | EPA 608 | -88 | -88 | 30 | 145 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/4/2010 | Pesticide | 4,4'-DDE | n/a | = | 1 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 3/12/2010 | Pesticide | 4,4'-DDE | n/a | = | 0.12 | µg/L | EPA 608 | 0.0025 | 0.05 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 3/12/2010 | Pesticide | 4,4'-DDE | n/a | = | 0.111 | µg/L | EPA 608 | 0.0025 | 0.05 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 3/12/2010 | Pesticide | 4,4'-DDE | n/a | = | 80 | % | EPA 608 | -88 | -88 | 30 | 145 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 3/12/2010 | Pesticide | 4,4'-DDE | n/a | = | 89 | % | EPA 608 | -88 | -88 | 30 | 145 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 3/12/2010 | Pesticide | 4,4'-DDE | n/a | = | 8 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/4/2010 | Pesticide | 4,4'-DDT | n/a | = | 0.0928 | µg/L | EPA 608 | 0.0031 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/4/2010 | Pesticide | 4,4'-DDT | n/a | = | 0.0852 | µg/L | EPA 608 | 0.0031 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/4/2010 | Pesticide | 4,4'-DDT | n/a | = | 85 | % | EPA 608 | -88 | -88 | 25 | 160 | X |
| 2009/10-3 | Lab | LCS, rec | 3/4/2010 | Pesticide | 4,4'-DDT | n/a | = | 93 | % | EPA 608 | -88 | -88 | 25 | 160 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/4/2010 | Pesticide | 4,4'-DDT | n/a | = | 9 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 3/12/2010 | Pesticide | 4,4'-DDT | n/a | = | 0.114 | µg/L | EPA 608 | 0.0031 | 0.01 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-----------------|----------|------|--------|-------|-----------|--------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | ME-CC | matrix spike dup | 3/12/2010 | Pesticide | 4,4'-DDT | n/a | = | 0.111 | µg/L | EPA 608 | 0.0031 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 3/12/2010 | Pesticide | 4,4'-DDT | n/a | = | 87 | % | EPA 608 | -88 | -88 | 25 | 160 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 3/12/2010 | Pesticide | 4,4'-DDT | n/a | = | 90 | % | EPA 608 | -88 | -88 | 25 | 160 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 3/12/2010 | Pesticide | 4,4'-DDT | n/a | = | 2 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/23/2010 | Pesticide | Acifluorfen | n/a | = | 1.98 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/23/2010 | Pesticide | Acifluorfen | n/a | = | 99 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | method blank | 2/23/2010 | Pesticide | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/23/2010 | Pesticide | Acifluorfen | n/a | = | 2.39 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/23/2010 | Pesticide | Acifluorfen | n/a | = | 2.46 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/23/2010 | Pesticide | Acifluorfen | n/a | = | 123 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/23/2010 | Pesticide | Acifluorfen | n/a | = | 119 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/23/2010 | Pesticide | Acifluorfen | n/a | = | 3 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Pesticide | Alachlor | n/a | = | 4.6 | µg/L | EPA 525.2 | 0.07 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Pesticide | Alachlor | n/a | = | 4.83 | µg/L | EPA 525.2 | 0.07 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Pesticide | Alachlor | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 58 | 164 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Pesticide | Alachlor | n/a | = | 92 | % | EPA 525.2 | -88 | -88 | 58 | 164 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Pesticide | Alachlor | n/a | = | 5 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Pesticide | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/24/2010 | Pesticide | Alachlor | n/a | = | 4.6 | µg/L | EPA 525.2 | 0.07 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/24/2010 | Pesticide | Alachlor | n/a | = | 4.77 | µg/L | EPA 525.2 | 0.07 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/24/2010 | Pesticide | Alachlor | n/a | = | 95 | % | EPA 525.2 | -88 | -88 | 58 | 177 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/24/2010 | Pesticide | Alachlor | n/a | = | 92 | % | EPA 525.2 | -88 | -88 | 58 | 177 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/24/2010 | Pesticide | Alachlor | n/a | = | 4 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/4/2010 | Pesticide | Aldrin | n/a | = | 0.0629 | µg/L | EPA 608 | 0.0015 | 0.005 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/4/2010 | Pesticide | Aldrin | n/a | = | 0.0635 | µg/L | EPA 608 | 0.0015 | 0.005 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/4/2010 | Pesticide | Aldrin | n/a | = | 63 | % | EPA 608 | -88 | -88 | 42 | 122 | X |
| 2009/10-3 | Lab | LCS, rec | 3/4/2010 | Pesticide | Aldrin | n/a | = | 63 | % | EPA 608 | -88 | -88 | 42 | 122 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/4/2010 | Pesticide | Aldrin | n/a | = | 0.9 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 3/12/2010 | Pesticide | Aldrin | n/a | = | 0.0874 | µg/L | EPA 608 | 0.0015 | 0.005 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 3/12/2010 | Pesticide | Aldrin | n/a | = | 0.0924 | µg/L | EPA 608 | 0.0015 | 0.005 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 3/12/2010 | Pesticide | Aldrin | n/a | = | 92 | % | EPA 608 | -88 | -88 | 42 | 122 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 3/12/2010 | Pesticide | Aldrin | n/a | = | 87 | % | EPA 608 | -88 | -88 | 42 | 122 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 3/12/2010 | Pesticide | Aldrin | n/a | = | 6 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/4/2010 | Pesticide | alpha-BHC | n/a | = | 0.0584 | µg/L | EPA 608 | 0.0018 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/4/2010 | Pesticide | alpha-BHC | n/a | = | 0.0563 | µg/L | EPA 608 | 0.0018 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/4/2010 | Pesticide | alpha-BHC | n/a | = | 56 | % | EPA 608 | -88 | -88 | 37 | 134 | X |
| 2009/10-3 | Lab | LCS, rec | 3/4/2010 | Pesticide | alpha-BHC | n/a | = | 58 | % | EPA 608 | -88 | -88 | 37 | 134 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/4/2010 | Pesticide | alpha-BHC | n/a | = | 4 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 3/12/2010 | Pesticide | alpha-BHC | n/a | = | 0.0834 | µg/L | EPA 608 | 0.0018 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 3/12/2010 | Pesticide | alpha-BHC | n/a | = | 0.0802 | µg/L | EPA 608 | 0.0018 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 3/12/2010 | Pesticide | alpha-BHC | n/a | = | 80 | % | EPA 608 | -88 | -88 | 37 | 134 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 3/12/2010 | Pesticide | alpha-BHC | n/a | = | 83 | % | EPA 608 | -88 | -88 | 37 | 134 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 3/12/2010 | Pesticide | alpha-BHC | n/a | = | 4 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/4/2010 | Pesticide | alpha-Chlordane | n/a | = | 0.0697 | µg/L | EPA 608 | 0.0013 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/4/2010 | Pesticide | alpha-Chlordane | n/a | = | 0.0687 | µg/L | EPA 608 | 0.0013 | 0.01 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-----------------|----------|------|--------|-------|-----------|--------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | LCS dup, rec | 3/4/2010 | Pesticide | alpha-Chlordane | n/a | = | 69 | % | EPA 608 | -88 | -88 | 70 | 130 | EUM |
| 2009/10-3 | Lab | LCS, rec | 3/4/2010 | Pesticide | alpha-Chlordane | n/a | = | 70 | % | EPA 608 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/4/2010 | Pesticide | alpha-Chlordane | n/a | = | 1 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | alpha-Chlordane | n/a | < | 0.0013 | µg/L | EPA 608 | 0.0013 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 3/12/2010 | Pesticide | alpha-Chlordane | n/a | = | 0.0894 | µg/L | EPA 608 | 0.0013 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 3/12/2010 | Pesticide | alpha-Chlordane | n/a | = | 0.1 | µg/L | EPA 608 | 0.0013 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 3/12/2010 | Pesticide | alpha-Chlordane | n/a | = | 100 | % | EPA 608 | -88 | -88 | 60 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 3/12/2010 | Pesticide | alpha-Chlordane | n/a | = | 89 | % | EPA 608 | -88 | -88 | 60 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 3/12/2010 | Pesticide | alpha-Chlordane | n/a | = | 12 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Pesticide | Atrazine | n/a | = | 5.28 | µg/L | EPA 525.2 | 0.047 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Pesticide | Atrazine | n/a | = | 5.02 | µg/L | EPA 525.2 | 0.047 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Pesticide | Atrazine | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 68 | 133 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Pesticide | Atrazine | n/a | = | 106 | % | EPA 525.2 | -88 | -88 | 68 | 133 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Pesticide | Atrazine | n/a | = | 5 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Pesticide | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/24/2010 | Pesticide | Atrazine | n/a | = | 4.35 | µg/L | EPA 525.2 | 0.047 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/24/2010 | Pesticide | Atrazine | n/a | = | 4.95 | µg/L | EPA 525.2 | 0.047 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/24/2010 | Pesticide | Atrazine | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 53 | 142 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/24/2010 | Pesticide | Atrazine | n/a | = | 87 | % | EPA 525.2 | -88 | -88 | 53 | 142 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/24/2010 | Pesticide | Atrazine | n/a | = | 13 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Azinphos methyl | n/a | = | 0.15 | µg/L | EPA 525.2 | 0.0055 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Azinphos methyl | n/a | = | 0.147 | µg/L | EPA 525.2 | 0.0055 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Azinphos methyl | n/a | = | 294 | % | EPA 525.2 | -88 | -88 | 53 | 303 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Azinphos methyl | n/a | = | 299 | % | EPA 525.2 | -88 | -88 | 53 | 303 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Azinphos methyl | n/a | = | 2 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Azinphos methyl | n/a | < | 0.0055 | µg/L | EPA 525.2 | 0.0055 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 2/23/2010 | Pesticide | Bentazon | n/a | = | 1.41 | µg/L | EPA 515.3 | 0.23 | 1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/23/2010 | Pesticide | Bentazon | n/a | = | 70 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | method blank | 2/23/2010 | Pesticide | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/23/2010 | Pesticide | Bentazon | n/a | = | 1.47 | µg/L | EPA 515.3 | 0.23 | 1 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/23/2010 | Pesticide | Bentazon | n/a | = | 2.28 | µg/L | EPA 515.3 | 0.23 | 2 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/23/2010 | Pesticide | Bentazon | n/a | = | 114 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/23/2010 | Pesticide | Bentazon | n/a | = | 74 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/23/2010 | Pesticide | Bentazon | n/a | = | 43 | % | EPA 515.3 | -88 | -88 | 0 | 30 | IL |
| 2009/10-3 | Lab | LCS | 3/4/2010 | Pesticide | beta-BHC | n/a | = | 0.0653 | µg/L | EPA 608 | 0.0031 | 0.005 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/4/2010 | Pesticide | beta-BHC | n/a | = | 0.0638 | µg/L | EPA 608 | 0.0031 | 0.005 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/4/2010 | Pesticide | beta-BHC | n/a | = | 64 | % | EPA 608 | -88 | -88 | 14 | 147 | X |
| 2009/10-3 | Lab | LCS, rec | 3/4/2010 | Pesticide | beta-BHC | n/a | = | 65 | % | EPA 608 | -88 | -88 | 14 | 147 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/4/2010 | Pesticide | beta-BHC | n/a | = | 2 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 3/12/2010 | Pesticide | beta-BHC | n/a | = | 0.0934 | µg/L | EPA 608 | 0.0031 | 0.005 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 3/12/2010 | Pesticide | beta-BHC | n/a | = | 0.095 | µg/L | EPA 608 | 0.0031 | 0.005 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 3/12/2010 | Pesticide | beta-BHC | n/a | = | 95 | % | EPA 608 | -88 | -88 | 17 | 147 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 3/12/2010 | Pesticide | beta-BHC | n/a | = | 93 | % | EPA 608 | -88 | -88 | 17 | 147 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 3/12/2010 | Pesticide | beta-BHC | n/a | = | 2 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Bolstar | n/a | = | 0.0463 | µg/L | EPA 525.2 | 0.0046 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Bolstar | n/a | = | 0.0445 | µg/L | EPA 525.2 | 0.0046 | 0.01 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-----------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Bolstar | n/a | = | 89 | % | EPA 525.2 | -88 | -88 | 70 | 214 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Bolstar | n/a | = | 93 | % | EPA 525.2 | -88 | -88 | 70 | 214 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Bolstar | n/a | = | 4 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Bolstar | n/a | < | 0.0046 | µg/L | EPA 525.2 | 0.0046 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Pesticide | Bromacil | n/a | = | 4.77 | µg/L | EPA 525.2 | 0.9 | 1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Pesticide | Bromacil | n/a | = | 4.83 | µg/L | EPA 525.2 | 0.9 | 1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Pesticide | Bromacil | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 43 | 177 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Pesticide | Bromacil | n/a | = | 95 | % | EPA 525.2 | -88 | -88 | 43 | 177 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Pesticide | Bromacil | n/a | = | 1 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Pesticide | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/24/2010 | Pesticide | Bromacil | n/a | = | 4.67 | µg/L | EPA 525.2 | 0.9 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/24/2010 | Pesticide | Bromacil | n/a | = | 4.79 | µg/L | EPA 525.2 | 0.9 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/24/2010 | Pesticide | Bromacil | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 71 | 182 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/24/2010 | Pesticide | Bromacil | n/a | = | 93 | % | EPA 525.2 | -88 | -88 | 71 | 182 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/24/2010 | Pesticide | Bromacil | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Pesticide | Butachlor | n/a | = | 5.16 | µg/L | EPA 525.2 | 0.1 | 0.2 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Pesticide | Butachlor | n/a | = | 5.28 | µg/L | EPA 525.2 | 0.1 | 0.2 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Pesticide | Butachlor | n/a | = | 106 | % | EPA 525.2 | -88 | -88 | 55 | 178 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Pesticide | Butachlor | n/a | = | 103 | % | EPA 525.2 | -88 | -88 | 55 | 178 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Pesticide | Butachlor | n/a | = | 2 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Pesticide | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/24/2010 | Pesticide | Butachlor | n/a | = | 4.48 | µg/L | EPA 525.2 | 0.1 | 0.2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/24/2010 | Pesticide | Butachlor | n/a | = | 5.07 | µg/L | EPA 525.2 | 0.1 | 0.2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/24/2010 | Pesticide | Butachlor | n/a | = | 101 | % | EPA 525.2 | -88 | -88 | 67 | 181 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/24/2010 | Pesticide | Butachlor | n/a | = | 90 | % | EPA 525.2 | -88 | -88 | 67 | 181 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/24/2010 | Pesticide | Butachlor | n/a | = | 12 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Pesticide | Captan | n/a | = | 4.89 | µg/L | EPA 525.2 | 0.86 | 1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Pesticide | Captan | n/a | = | 4.51 | µg/L | EPA 525.2 | 0.86 | 1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Pesticide | Captan | n/a | = | 90 | % | EPA 525.2 | -88 | -88 | 20 | 215 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Pesticide | Captan | n/a | = | 98 | % | EPA 525.2 | -88 | -88 | 20 | 215 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Pesticide | Captan | n/a | = | 8 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Pesticide | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/24/2010 | Pesticide | Captan | n/a | = | 5.97 | µg/L | EPA 525.2 | 0.86 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/24/2010 | Pesticide | Captan | n/a | = | 6.1 | µg/L | EPA 525.2 | 0.86 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/24/2010 | Pesticide | Captan | n/a | = | 122 | % | EPA 525.2 | -88 | -88 | 45 | 182 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/24/2010 | Pesticide | Captan | n/a | = | 119 | % | EPA 525.2 | -88 | -88 | 45 | 182 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/24/2010 | Pesticide | Captan | n/a | = | 2 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Pesticide | Chloropropham | n/a | = | 5.46 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Pesticide | Chloropropham | n/a | = | 5.28 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Pesticide | Chloropropham | n/a | = | 106 | % | EPA 525.2 | -88 | -88 | 74 | 133 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Pesticide | Chloropropham | n/a | = | 109 | % | EPA 525.2 | -88 | -88 | 74 | 133 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Pesticide | Chloropropham | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Pesticide | Chloropropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/24/2010 | Pesticide | Chloropropham | n/a | = | 5.86 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/24/2010 | Pesticide | Chloropropham | n/a | = | 5.95 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/24/2010 | Pesticide | Chloropropham | n/a | = | 119 | % | EPA 525.2 | -88 | -88 | 76 | 137 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|----------------|----------|------|--------|-------|-----------|--------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/24/2010 | Pesticide | Chlorpropham | n/a | = | 117 | % | EPA 525.2 | -88 | -88 | 76 | 137 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/24/2010 | Pesticide | Chlorpropham | n/a | = | 2 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Chlorpyrifos | n/a | = | 0.0606 | µg/L | EPA 525.2 | 0.0069 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Chlorpyrifos | n/a | = | 0.0573 | µg/L | EPA 525.2 | 0.0069 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Chlorpyrifos | n/a | = | 115 | % | EPA 525.2 | -88 | -88 | 70 | 131 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Chlorpyrifos | n/a | = | 121 | % | EPA 525.2 | -88 | -88 | 70 | 131 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Chlorpyrifos | n/a | = | 6 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Chlorpyrifos | n/a | < | 0.0069 | µg/L | EPA 525.2 | 0.0069 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Coumaphos | n/a | = | 0.0777 | µg/L | EPA 525.2 | 0.0051 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Coumaphos | n/a | = | 0.0754 | µg/L | EPA 525.2 | 0.0051 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Coumaphos | n/a | = | 151 | % | EPA 525.2 | -88 | -88 | 70 | 271 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Coumaphos | n/a | = | 155 | % | EPA 525.2 | -88 | -88 | 70 | 271 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Coumaphos | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Coumaphos | n/a | < | 0.0051 | µg/L | EPA 525.2 | 0.0051 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Pesticide | Cyanazine | n/a | = | 4.83 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Pesticide | Cyanazine | n/a | = | 4.63 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Pesticide | Cyanazine | n/a | = | 93 | % | EPA 525.2 | -88 | -88 | 69 | 131 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Pesticide | Cyanazine | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 69 | 131 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Pesticide | Cyanazine | n/a | = | 4 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Pesticide | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/24/2010 | Pesticide | Cyanazine | n/a | = | 1.17 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/24/2010 | Pesticide | Cyanazine | n/a | = | 1.66 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/24/2010 | Pesticide | Cyanazine | n/a | = | 33 | % | EPA 525.2 | -88 | -88 | 26 | 145 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/24/2010 | Pesticide | Cyanazine | n/a | = | 23 | % | EPA 525.2 | -88 | -88 | 26 | 145 | GB |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/24/2010 | Pesticide | Cyanazine | n/a | = | 35 | % | EPA 525.2 | -88 | -88 | 0 | 30 | IL |
| 2009/10-3 | Lab | LCS | 2/23/2010 | Pesticide | Dalapon | n/a | = | 1.87 | µg/L | EPA 515.3 | 0.04 | 0.4 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/23/2010 | Pesticide | Dalapon | n/a | = | 93 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | method blank | 2/23/2010 | Pesticide | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/23/2010 | Pesticide | Dalapon | n/a | = | 1.89 | µg/L | EPA 515.3 | 0.04 | 0.4 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/23/2010 | Pesticide | Dalapon | n/a | = | 1.9 | µg/L | EPA 515.3 | 0.04 | 0.4 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/23/2010 | Pesticide | Dalapon | n/a | = | 95 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/23/2010 | Pesticide | Dalapon | n/a | = | 95 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/23/2010 | Pesticide | Dalapon | n/a | = | 0.2 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/23/2010 | Pesticide | DCPA (Dacthal) | n/a | = | 1.44 | µg/L | EPA 515.3 | 0.02 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/23/2010 | Pesticide | DCPA (Dacthal) | n/a | = | 72 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | method blank | 2/23/2010 | Pesticide | DCPA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/23/2010 | Pesticide | DCPA (Dacthal) | n/a | = | 3.67 | µg/L | EPA 515.3 | 0.02 | 0.1 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/23/2010 | Pesticide | DCPA (Dacthal) | n/a | = | 3.85 | µg/L | EPA 515.3 | 0.02 | 0.1 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/23/2010 | Pesticide | DCPA (Dacthal) | n/a | = | 68 | % | EPA 515.3 | -88 | -88 | 70 | 130 | GB |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/23/2010 | Pesticide | DCPA (Dacthal) | n/a | = | 59 | % | EPA 515.3 | -88 | -88 | 70 | 130 | GB |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/23/2010 | Pesticide | DCPA (Dacthal) | n/a | = | 5 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/4/2010 | Pesticide | delta-BHC | n/a | = | 0.0627 | µg/L | EPA 608 | 0.0025 | 0.005 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/4/2010 | Pesticide | delta-BHC | n/a | = | 0.0618 | µg/L | EPA 608 | 0.0025 | 0.005 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/4/2010 | Pesticide | delta-BHC | n/a | = | 62 | % | EPA 608 | -88 | -88 | 19 | 140 | X |
| 2009/10-3 | Lab | LCS, rec | 3/4/2010 | Pesticide | delta-BHC | n/a | = | 63 | % | EPA 608 | -88 | -88 | 19 | 140 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/4/2010 | Pesticide | delta-BHC | n/a | = | 1 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-------------|----------|------|--------|-------|-----------|--------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | ME-CC | matrix spike | 3/12/2010 | Pesticide | delta-BHC | n/a | = | 0.0926 | µg/L | EPA 608 | 0.0025 | 0.005 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 3/12/2010 | Pesticide | delta-BHC | n/a | = | 0.0959 | µg/L | EPA 608 | 0.0025 | 0.005 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 3/12/2010 | Pesticide | delta-BHC | n/a | = | 96 | % | EPA 608 | -88 | -88 | 19 | 140 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 3/12/2010 | Pesticide | delta-BHC | n/a | = | 93 | % | EPA 608 | -88 | -88 | 19 | 140 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 3/12/2010 | Pesticide | delta-BHC | n/a | = | 3 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Demeton-O | n/a | = | 0.0555 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Demeton-O | n/a | = | 0.0568 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Demeton-O | n/a | = | 114 | % | EPA 525.2 | -88 | -88 | 37 | 295 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Demeton-O | n/a | = | 111 | % | EPA 525.2 | -88 | -88 | 37 | 295 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Demeton-O | n/a | = | 2 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Demeton-O | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Demeton-S | n/a | = | 0.0501 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Demeton-S | n/a | = | 0.0551 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Demeton-S | n/a | = | 110 | % | EPA 525.2 | -88 | -88 | 70 | 159 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Demeton-S | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 70 | 159 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Demeton-S | n/a | = | 10 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Demeton-S | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Diazinon | n/a | = | 0.0576 | µg/L | EPA 525.2 | 0.0052 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Diazinon | n/a | = | 0.0557 | µg/L | EPA 525.2 | 0.0052 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Diazinon | n/a | = | 111 | % | EPA 525.2 | -88 | -88 | 70 | 163 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Diazinon | n/a | = | 115 | % | EPA 525.2 | -88 | -88 | 70 | 163 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Diazinon | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Diazinon | n/a | < | 0.0052 | µg/L | EPA 525.2 | 0.0052 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 2/23/2010 | Pesticide | Dicamba | n/a | = | 2.26 | µg/L | EPA 515.3 | 0.08 | 0.6 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/23/2010 | Pesticide | Dicamba | n/a | = | 113 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | method blank | 2/23/2010 | Pesticide | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/23/2010 | Pesticide | Dicamba | n/a | = | 1.78 | µg/L | EPA 515.3 | 0.08 | 0.6 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/23/2010 | Pesticide | Dicamba | n/a | = | 2.24 | µg/L | EPA 515.3 | 0.08 | 0.6 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/23/2010 | Pesticide | Dicamba | n/a | = | 112 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/23/2010 | Pesticide | Dicamba | n/a | = | 89 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/23/2010 | Pesticide | Dicamba | n/a | = | 23 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/23/2010 | Pesticide | Dichlorprop | n/a | = | 1.99 | µg/L | EPA 515.3 | 0.06 | 0.3 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/23/2010 | Pesticide | Dichlorprop | n/a | = | 99 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | method blank | 2/23/2010 | Pesticide | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/23/2010 | Pesticide | Dichlorprop | n/a | = | 2.17 | µg/L | EPA 515.3 | 0.06 | 0.3 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/23/2010 | Pesticide | Dichlorprop | n/a | = | 2.27 | µg/L | EPA 515.3 | 0.06 | 0.3 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/23/2010 | Pesticide | Dichlorprop | n/a | = | 113 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/23/2010 | Pesticide | Dichlorprop | n/a | = | 108 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/23/2010 | Pesticide | Dichlorprop | n/a | = | 5 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Dichlorvos | n/a | = | 0.0624 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Dichlorvos | n/a | = | 0.065 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Dichlorvos | n/a | = | 130 | % | EPA 525.2 | -88 | -88 | 70 | 161 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Dichlorvos | n/a | = | 125 | % | EPA 525.2 | -88 | -88 | 70 | 161 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Dichlorvos | n/a | = | 4 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Dichlorvos | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 3/4/2010 | Pesticide | Dieldrin | n/a | = | 0.0714 | µg/L | EPA 608 | 0.0021 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/4/2010 | Pesticide | Dieldrin | n/a | = | 0.0703 | µg/L | EPA 608 | 0.0021 | 0.01 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|--------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | LCS dup, rec | 3/4/2010 | Pesticide | Dieldrin | n/a | = | 70 | % | EPA 608 | -88 | -88 | 36 | 146 | X |
| 2009/10-3 | Lab | LCS, rec | 3/4/2010 | Pesticide | Dieldrin | n/a | = | 71 | % | EPA 608 | -88 | -88 | 36 | 146 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/4/2010 | Pesticide | Dieldrin | n/a | = | 1 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 3/12/2010 | Pesticide | Dieldrin | n/a | = | 0.0983 | µg/L | EPA 608 | 0.0021 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 3/12/2010 | Pesticide | Dieldrin | n/a | = | 0.0914 | µg/L | EPA 608 | 0.0021 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 3/12/2010 | Pesticide | Dieldrin | n/a | = | 91 | % | EPA 608 | -88 | -88 | 36 | 146 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 3/12/2010 | Pesticide | Dieldrin | n/a | = | 98 | % | EPA 608 | -88 | -88 | 36 | 146 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 3/12/2010 | Pesticide | Dieldrin | n/a | = | 7 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Dimethoate | n/a | = | 0.0662 | µg/L | EPA 525.2 | 0.0062 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Dimethoate | n/a | = | 0.0606 | µg/L | EPA 525.2 | 0.0062 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Dimethoate | n/a | = | 121 | % | EPA 525.2 | -88 | -88 | 70 | 352 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Dimethoate | n/a | = | 132 | % | EPA 525.2 | -88 | -88 | 70 | 352 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Dimethoate | n/a | = | 9 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Dimethoate | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 2/23/2010 | Pesticide | Dinoseb | n/a | = | 1.65 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/23/2010 | Pesticide | Dinoseb | n/a | = | 82 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | method blank | 2/23/2010 | Pesticide | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/23/2010 | Pesticide | Dinoseb | n/a | = | 1.97 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/23/2010 | Pesticide | Dinoseb | n/a | = | 1.8 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/23/2010 | Pesticide | Dinoseb | n/a | = | 90 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/23/2010 | Pesticide | Dinoseb | n/a | = | 99 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/23/2010 | Pesticide | Dinoseb | n/a | = | 9 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Pesticide | Diphenamid | n/a | = | 4.98 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Pesticide | Diphenamid | n/a | = | 4.92 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Pesticide | Diphenamid | n/a | = | 98 | % | EPA 525.2 | -88 | -88 | 82 | 144 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Pesticide | Diphenamid | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 82 | 144 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Pesticide | Diphenamid | n/a | = | 1 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Pesticide | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/24/2010 | Pesticide | Diphenamid | n/a | = | 4.71 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/24/2010 | Pesticide | Diphenamid | n/a | = | 4.87 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/24/2010 | Pesticide | Diphenamid | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 86 | 130 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/24/2010 | Pesticide | Diphenamid | n/a | = | 94 | % | EPA 525.2 | -88 | -88 | 86 | 130 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/24/2010 | Pesticide | Diphenamid | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Disulfoton | n/a | = | 0.0418 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Disulfoton | n/a | = | 0.0353 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Disulfoton | n/a | = | 71 | % | EPA 525.2 | -88 | -88 | 56 | 269 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Disulfoton | n/a | = | 84 | % | EPA 525.2 | -88 | -88 | 56 | 269 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Disulfoton | n/a | = | 17 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Disulfoton | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 3/4/2010 | Pesticide | Endosulfan I | n/a | = | 0.0655 | µg/L | EPA 608 | 0.0017 | 0.02 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/4/2010 | Pesticide | Endosulfan I | n/a | = | 0.0642 | µg/L | EPA 608 | 0.0017 | 0.02 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/4/2010 | Pesticide | Endosulfan I | n/a | = | 64 | % | EPA 608 | -88 | -88 | 45 | 153 | X |
| 2009/10-3 | Lab | LCS, rec | 3/4/2010 | Pesticide | Endosulfan I | n/a | = | 66 | % | EPA 608 | -88 | -88 | 45 | 153 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/4/2010 | Pesticide | Endosulfan I | n/a | = | 2 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 3/12/2010 | Pesticide | Endosulfan I | n/a | = | 0.0887 | µg/L | EPA 608 | 0.0017 | 0.02 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|--------------------|----------|------|--------|-------|---------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | ME-CC | matrix spike dup | 3/12/2010 | Pesticide | Endosulfan I | n/a | = | 0.0964 | µg/L | EPA 608 | 0.0017 | 0.02 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 3/12/2010 | Pesticide | Endosulfan I | n/a | = | 96 | % | EPA 608 | -88 | -88 | 45 | 153 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 3/12/2010 | Pesticide | Endosulfan I | n/a | = | 89 | % | EPA 608 | -88 | -88 | 45 | 153 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 3/12/2010 | Pesticide | Endosulfan I | n/a | = | 8 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/4/2010 | Pesticide | Endosulfan II | n/a | = | 0.0721 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/4/2010 | Pesticide | Endosulfan II | n/a | = | 0.0712 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/4/2010 | Pesticide | Endosulfan II | n/a | = | 71 | % | EPA 608 | -88 | -88 | 2 | 202 | X |
| 2009/10-3 | Lab | LCS, rec | 3/4/2010 | Pesticide | Endosulfan II | n/a | = | 72 | % | EPA 608 | -88 | -88 | 2 | 202 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/4/2010 | Pesticide | Endosulfan II | n/a | = | 1 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 3/12/2010 | Pesticide | Endosulfan II | n/a | = | 0.0854 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 3/12/2010 | Pesticide | Endosulfan II | n/a | = | 0.0887 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 3/12/2010 | Pesticide | Endosulfan II | n/a | = | 89 | % | EPA 608 | -88 | -88 | 2 | 202 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 3/12/2010 | Pesticide | Endosulfan II | n/a | = | 85 | % | EPA 608 | -88 | -88 | 2 | 202 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 3/12/2010 | Pesticide | Endosulfan II | n/a | = | 4 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/4/2010 | Pesticide | Endosulfan sulfate | n/a | = | 0.0749 | µg/L | EPA 608 | 0.008 | 0.05 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/4/2010 | Pesticide | Endosulfan sulfate | n/a | = | 0.0741 | µg/L | EPA 608 | 0.008 | 0.05 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/4/2010 | Pesticide | Endosulfan sulfate | n/a | = | 74 | % | EPA 608 | -88 | -88 | 26 | 144 | X |
| 2009/10-3 | Lab | LCS, rec | 3/4/2010 | Pesticide | Endosulfan sulfate | n/a | = | 75 | % | EPA 608 | -88 | -88 | 26 | 144 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/4/2010 | Pesticide | Endosulfan sulfate | n/a | = | 1 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 3/12/2010 | Pesticide | Endosulfan sulfate | n/a | = | 0.108 | µg/L | EPA 608 | 0.008 | 0.05 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 3/12/2010 | Pesticide | Endosulfan sulfate | n/a | = | 0.106 | µg/L | EPA 608 | 0.008 | 0.05 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 3/12/2010 | Pesticide | Endosulfan sulfate | n/a | = | 106 | % | EPA 608 | -88 | -88 | 26 | 144 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 3/12/2010 | Pesticide | Endosulfan sulfate | n/a | = | 108 | % | EPA 608 | -88 | -88 | 26 | 144 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 3/12/2010 | Pesticide | Endosulfan sulfate | n/a | = | 2 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/4/2010 | Pesticide | Endrin | n/a | = | 0.0598 | µg/L | EPA 608 | 0.0028 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/4/2010 | Pesticide | Endrin | n/a | = | 0.0595 | µg/L | EPA 608 | 0.0028 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/4/2010 | Pesticide | Endrin | n/a | = | 59 | % | EPA 608 | -88 | -88 | 30 | 147 | X |
| 2009/10-3 | Lab | LCS, rec | 3/4/2010 | Pesticide | Endrin | n/a | = | 60 | % | EPA 608 | -88 | -88 | 30 | 147 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/4/2010 | Pesticide | Endrin | n/a | = | 0.6 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 3/12/2010 | Pesticide | Endrin | n/a | = | 0.119 | µg/L | EPA 608 | 0.0028 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 3/12/2010 | Pesticide | Endrin | n/a | = | 0.109 | µg/L | EPA 608 | 0.0028 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 3/12/2010 | Pesticide | Endrin | n/a | = | 109 | % | EPA 608 | -88 | -88 | 30 | 147 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 3/12/2010 | Pesticide | Endrin | n/a | = | 119 | % | EPA 608 | -88 | -88 | 30 | 147 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 3/12/2010 | Pesticide | Endrin | n/a | = | 9 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/4/2010 | Pesticide | Endrin aldehyde | n/a | = | 0.051 | µg/L | EPA 608 | 0.003 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/4/2010 | Pesticide | Endrin aldehyde | n/a | = | 0.0506 | µg/L | EPA 608 | 0.003 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/4/2010 | Pesticide | Endrin aldehyde | n/a | = | 51 | % | EPA 608 | -88 | -88 | 41 | 203 | X |
| 2009/10-3 | Lab | LCS, rec | 3/4/2010 | Pesticide | Endrin aldehyde | n/a | = | 51 | % | EPA 608 | -88 | -88 | 41 | 203 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/4/2010 | Pesticide | Endrin aldehyde | n/a | = | 0.8 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 3/12/2010 | Pesticide | Endrin aldehyde | n/a | = | 0.213 | µg/L | EPA 608 | 0.003 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 3/12/2010 | Pesticide | Endrin aldehyde | n/a | = | 0.196 | µg/L | EPA 608 | 0.003 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 3/12/2010 | Pesticide | Endrin aldehyde | n/a | = | 196 | % | EPA 608 | -88 | -88 | 30 | 180 | GB |
| 2009/10-3 | ME-CC | matrix spike, rec | 3/12/2010 | Pesticide | Endrin aldehyde | n/a | = | 213 | % | EPA 608 | -88 | -88 | 30 | 180 | GB |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|---------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | ME-CC | matrix spike, RPD | 3/12/2010 | Pesticide | Endrin aldehyde | n/a | = | 8 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Pesticide | EPTC | n/a | = | 4.78 | µg/L | EPA 525.2 | 0.23 | 1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Pesticide | EPTC | n/a | = | 4.85 | µg/L | EPA 525.2 | 0.23 | 1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Pesticide | EPTC | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 75 | 110 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Pesticide | EPTC | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 75 | 110 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Pesticide | EPTC | n/a | = | 1 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Pesticide | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/24/2010 | Pesticide | EPTC | n/a | = | 4.71 | µg/L | EPA 525.2 | 0.23 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/24/2010 | Pesticide | EPTC | n/a | = | 4.72 | µg/L | EPA 525.2 | 0.23 | 1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/24/2010 | Pesticide | EPTC | n/a | = | 94 | % | EPA 525.2 | -88 | -88 | 67 | 119 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/24/2010 | Pesticide | EPTC | n/a | = | 94 | % | EPA 525.2 | -88 | -88 | 67 | 119 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/24/2010 | Pesticide | EPTC | n/a | = | 0.2 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Ethoprop | n/a | = | 0.0545 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Ethoprop | n/a | = | 0.0551 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Ethoprop | n/a | = | 110 | % | EPA 525.2 | -88 | -88 | 70 | 155 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Ethoprop | n/a | = | 109 | % | EPA 525.2 | -88 | -88 | 70 | 155 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Ethoprop | n/a | = | 1 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Ethoprop | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Ethyl parathion | n/a | = | 0.0553 | µg/L | EPA 525.2 | 0.0054 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Ethyl parathion | n/a | = | 0.0556 | µg/L | EPA 525.2 | 0.0054 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Ethyl parathion | n/a | = | 111 | % | EPA 525.2 | -88 | -88 | 70 | 242 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Ethyl parathion | n/a | = | 111 | % | EPA 525.2 | -88 | -88 | 70 | 242 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Ethyl parathion | n/a | = | 0.5 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Ethyl parathion | n/a | < | 0.0054 | µg/L | EPA 525.2 | 0.0054 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Fensulfothion | n/a | = | 0.0807 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Fensulfothion | n/a | = | 0.0753 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Fensulfothion | n/a | = | 151 | % | EPA 525.2 | -88 | -88 | 70 | 169 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Fensulfothion | n/a | = | 161 | % | EPA 525.2 | -88 | -88 | 70 | 169 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Fensulfothion | n/a | = | 7 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Fensulfothion | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Fenthion | n/a | = | 0.0579 | µg/L | EPA 525.2 | 0.0038 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Fenthion | n/a | = | 0.0541 | µg/L | EPA 525.2 | 0.0038 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Fenthion | n/a | = | 108 | % | EPA 525.2 | -88 | -88 | 70 | 163 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Fenthion | n/a | = | 116 | % | EPA 525.2 | -88 | -88 | 70 | 163 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Fenthion | n/a | = | 7 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Fenthion | n/a | < | 0.0038 | µg/L | EPA 525.2 | 0.0038 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 3/4/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 0.0611 | µg/L | EPA 608 | 0.0021 | 0.02 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/4/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 0.059 | µg/L | EPA 608 | 0.0021 | 0.02 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/4/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 59 | % | EPA 608 | -88 | -88 | 32 | 127 | X |
| 2009/10-3 | Lab | LCS, rec | 3/4/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 61 | % | EPA 608 | -88 | -88 | 32 | 127 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/4/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 4 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 3/12/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 0.0861 | µg/L | EPA 608 | 0.0021 | 0.02 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 3/12/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 0.0867 | µg/L | EPA 608 | 0.0021 | 0.02 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 3/12/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 87 | % | EPA 608 | -88 | -88 | 32 | 127 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 3/12/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 86 | % | EPA 608 | -88 | -88 | 32 | 127 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 3/12/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 0.7 | % | EPA 608 | -88 | -88 | 0 | 30 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|--------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | LCS | 3/4/2010 | Pesticide | gamma-Chlordane | n/a | = | 0.0664 | µg/L | EPA 608 | 0.0014 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/4/2010 | Pesticide | gamma-Chlordane | n/a | = | 0.066 | µg/L | EPA 608 | 0.0014 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/4/2010 | Pesticide | gamma-Chlordane | n/a | = | 66 | % | EPA 608 | -88 | -88 | 70 | 130 | EUM |
| 2009/10-3 | Lab | LCS, rec | 3/4/2010 | Pesticide | gamma-Chlordane | n/a | = | 66 | % | EPA 608 | -88 | -88 | 70 | 130 | EUM |
| 2009/10-3 | Lab | LCS, RPD | 3/4/2010 | Pesticide | gamma-Chlordane | n/a | = | 0.5 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | gamma-Chlordane | n/a | < | 0.0014 | µg/L | EPA 608 | 0.0014 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 3/12/2010 | Pesticide | gamma-Chlordane | n/a | = | 0.0895 | µg/L | EPA 608 | 0.0014 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 3/12/2010 | Pesticide | gamma-Chlordane | n/a | = | 0.0968 | µg/L | EPA 608 | 0.0014 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 3/12/2010 | Pesticide | gamma-Chlordane | n/a | = | 97 | % | EPA 608 | -88 | -88 | 60 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 3/12/2010 | Pesticide | gamma-Chlordane | n/a | = | 89 | % | EPA 608 | -88 | -88 | 60 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 3/12/2010 | Pesticide | gamma-Chlordane | n/a | = | 8 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | 000NONPJ | matrix spike | 2/8/2010 | Pesticide | Glyphosate | n/a | = | 21.5 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup | 2/8/2010 | Pesticide | Glyphosate | n/a | = | 18.1 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-3 | 000NONPJ | matrix spike dup, rec | 2/8/2010 | Pesticide | Glyphosate | n/a | = | 72 | % | EPA 547 | -88 | -88 | 68 | 134 | X |
| 2009/10-3 | 000NONPJ | matrix spike, rec | 2/8/2010 | Pesticide | Glyphosate | n/a | = | 86 | % | EPA 547 | -88 | -88 | 68 | 134 | X |
| 2009/10-3 | 000NONPJ | matrix spike, RPD | 2/8/2010 | Pesticide | Glyphosate | n/a | = | 17 | % | EPA 547 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/8/2010 | Pesticide | Glyphosate | n/a | = | 23 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/8/2010 | Pesticide | Glyphosate | n/a | = | 92 | % | EPA 547 | -88 | -88 | 71 | 137 | X |
| 2009/10-3 | Lab | method blank | 2/8/2010 | Pesticide | Glyphosate | n/a | < | 1.8 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-3 | MO-CAM | matrix spike | 2/8/2010 | Pesticide | Glyphosate | n/a | = | 29.8 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-3 | MO-CAM | matrix spike dup | 2/8/2010 | Pesticide | Glyphosate | n/a | = | 28.2 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-3 | MO-CAM | matrix spike dup, rec | 2/8/2010 | Pesticide | Glyphosate | n/a | = | 98 | % | EPA 547 | -88 | -88 | 68 | 134 | X |
| 2009/10-3 | MO-CAM | matrix spike, rec | 2/8/2010 | Pesticide | Glyphosate | n/a | = | 104 | % | EPA 547 | -88 | -88 | 68 | 134 | X |
| 2009/10-3 | MO-CAM | matrix spike, RPD | 2/8/2010 | Pesticide | Glyphosate | n/a | = | 6 | % | EPA 547 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/4/2010 | Pesticide | Heptachlor | n/a | = | 0.0633 | µg/L | EPA 608 | 0.0017 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/4/2010 | Pesticide | Heptachlor | n/a | = | 0.0624 | µg/L | EPA 608 | 0.0017 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/4/2010 | Pesticide | Heptachlor | n/a | = | 62 | % | EPA 608 | -88 | -88 | 34 | 111 | X |
| 2009/10-3 | Lab | LCS, rec | 3/4/2010 | Pesticide | Heptachlor | n/a | = | 63 | % | EPA 608 | -88 | -88 | 34 | 111 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/4/2010 | Pesticide | Heptachlor | n/a | = | 1 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 3/12/2010 | Pesticide | Heptachlor | n/a | = | 0.0869 | µg/L | EPA 608 | 0.0017 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 3/12/2010 | Pesticide | Heptachlor | n/a | = | 0.0874 | µg/L | EPA 608 | 0.0017 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 3/12/2010 | Pesticide | Heptachlor | n/a | = | 87 | % | EPA 608 | -88 | -88 | 34 | 111 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 3/12/2010 | Pesticide | Heptachlor | n/a | = | 87 | % | EPA 608 | -88 | -88 | 34 | 111 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 3/12/2010 | Pesticide | Heptachlor | n/a | = | 0.7 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/4/2010 | Pesticide | Heptachlor epoxide | n/a | = | 0.0696 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/4/2010 | Pesticide | Heptachlor epoxide | n/a | = | 0.0683 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/4/2010 | Pesticide | Heptachlor epoxide | n/a | = | 68 | % | EPA 608 | -88 | -88 | 37 | 142 | X |
| 2009/10-3 | Lab | LCS, rec | 3/4/2010 | Pesticide | Heptachlor epoxide | n/a | = | 70 | % | EPA 608 | -88 | -88 | 37 | 142 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/4/2010 | Pesticide | Heptachlor epoxide | n/a | = | 2 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 3/12/2010 | Pesticide | Heptachlor epoxide | n/a | = | 0.0901 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 3/12/2010 | Pesticide | Heptachlor epoxide | n/a | = | 0.0957 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 3/12/2010 | Pesticide | Heptachlor epoxide | n/a | = | 96 | % | EPA 608 | -88 | -88 | 37 | 142 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 3/12/2010 | Pesticide | Heptachlor epoxide | n/a | = | 90 | % | EPA 608 | -88 | -88 | 37 | 142 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 3/12/2010 | Pesticide | Heptachlor epoxide | n/a | = | 6 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Malathion | n/a | = | 0.0534 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Malathion | n/a | = | 0.0269 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Malathion | n/a | = | 54 | % | EPA 525.2 | -88 | -88 | 70 | 208 | EUM |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Malathion | n/a | = | 107 | % | EPA 525.2 | -88 | -88 | 70 | 208 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Malathion | n/a | = | 66 | % | EPA 525.2 | -88 | -88 | 0 | 25 | IL |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Malathion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Merphos | n/a | = | 0.114 | µg/L | EPA 525.2 | 0.0058 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Merphos | n/a | = | 0.0972 | µg/L | EPA 525.2 | 0.0058 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Merphos | n/a | = | 194 | % | EPA 525.2 | -88 | -88 | 70 | 161 | EUM |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Merphos | n/a | = | 228 | % | EPA 525.2 | -88 | -88 | 70 | 161 | EUM |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Merphos | n/a | = | 16 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Merphos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.01 | | | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | | | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Methyl parathion | n/a | = | 0.0643 | µg/L | EPA 525.2 | 0.0063 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Methyl parathion | n/a | = | 0.0638 | µg/L | EPA 525.2 | 0.0063 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Methyl parathion | n/a | = | 128 | % | EPA 525.2 | -88 | -88 | 70 | 229 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Methyl parathion | n/a | = | 129 | % | EPA 525.2 | -88 | -88 | 70 | 229 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Methyl parathion | n/a | = | 0.8 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Methyl parathion | n/a | < | 0.0063 | µg/L | EPA 525.2 | 0.0063 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Pesticide | Metolachlor | n/a | = | 4.64 | µg/L | EPA 525.2 | 0.056 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Pesticide | Metolachlor | n/a | = | 4.88 | µg/L | EPA 525.2 | 0.056 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Pesticide | Metolachlor | n/a | = | 98 | % | EPA 525.2 | -88 | -88 | 55 | 170 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Pesticide | Metolachlor | n/a | = | 93 | % | EPA 525.2 | -88 | -88 | 55 | 170 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Pesticide | Metolachlor | n/a | = | 5 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Pesticide | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/24/2010 | Pesticide | Metolachlor | n/a | = | 4.49 | µg/L | EPA 525.2 | 0.056 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/24/2010 | Pesticide | Metolachlor | n/a | = | 4.86 | µg/L | EPA 525.2 | 0.056 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/24/2010 | Pesticide | Metolachlor | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 53 | 178 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/24/2010 | Pesticide | Metolachlor | n/a | = | 90 | % | EPA 525.2 | -88 | -88 | 53 | 178 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/24/2010 | Pesticide | Metolachlor | n/a | = | 8 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Pesticide | Metribuzin | n/a | = | 4.48 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Pesticide | Metribuzin | n/a | = | 4.72 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Pesticide | Metribuzin | n/a | = | 94 | % | EPA 525.2 | -88 | -88 | 44 | 149 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Pesticide | Metribuzin | n/a | = | 90 | % | EPA 525.2 | -88 | -88 | 44 | 149 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Pesticide | Metribuzin | n/a | = | 5 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Pesticide | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/24/2010 | Pesticide | Metribuzin | n/a | = | 2.84 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/24/2010 | Pesticide | Metribuzin | n/a | = | 3.26 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/24/2010 | Pesticide | Metribuzin | n/a | = | 65 | % | EPA 525.2 | -88 | -88 | 64 | 155 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/24/2010 | Pesticide | Metribuzin | n/a | = | 57 | % | EPA 525.2 | -88 | -88 | 64 | 155 | GB |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/24/2010 | Pesticide | Metribuzin | n/a | = | 14 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Mevinphos | n/a | = | 0.0493 | µg/L | EPA 525.2 | 0.0042 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Mevinphos | n/a | = | 0.048 | µg/L | EPA 525.2 | 0.0042 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Mevinphos | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 70 | 148 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Mevinphos | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 70 | 148 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Mevinphos | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Mevinphos | n/a | < | 0.0042 | µg/L | EPA 525.2 | 0.0042 | 0.01 | | | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Pesticide | Molinate | n/a | = | 4.9 | µg/L | EPA 525.2 | 0.051 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Pesticide | Molinate | n/a | = | 4.94 | µg/L | EPA 525.2 | 0.051 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Pesticide | Molinate | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 76 | 116 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Pesticide | Molinate | n/a | = | 98 | % | EPA 525.2 | -88 | -88 | 76 | 116 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Pesticide | Molinate | n/a | = | 0.8 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Pesticide | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/24/2010 | Pesticide | Molinate | n/a | = | 5.05 | µg/L | EPA 525.2 | 0.051 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/24/2010 | Pesticide | Molinate | n/a | = | 5.04 | µg/L | EPA 525.2 | 0.051 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/24/2010 | Pesticide | Molinate | n/a | = | 101 | % | EPA 525.2 | -88 | -88 | 68 | 125 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/24/2010 | Pesticide | Molinate | n/a | = | 101 | % | EPA 525.2 | -88 | -88 | 68 | 125 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/24/2010 | Pesticide | Molinate | n/a | = | 0.2 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Naled | n/a | = | 0.0685 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Naled | n/a | = | 0.0587 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Naled | n/a | = | 117 | % | EPA 525.2 | -88 | -88 | 70 | 299 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Naled | n/a | = | 137 | % | EPA 525.2 | -88 | -88 | 70 | 299 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Naled | n/a | = | 15 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Naled | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 2/23/2010 | Pesticide | Pentachlorophenol | n/a | = | 2.09 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/23/2010 | Pesticide | Pentachlorophenol | n/a | = | 104 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | method blank | 2/23/2010 | Pesticide | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/23/2010 | Pesticide | Pentachlorophenol | n/a | = | 2.12 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/23/2010 | Pesticide | Pentachlorophenol | n/a | = | 2.12 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/23/2010 | Pesticide | Pentachlorophenol | n/a | = | 106 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/23/2010 | Pesticide | Pentachlorophenol | n/a | = | 106 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/23/2010 | Pesticide | Pentachlorophenol | n/a | = | 0.05 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Phorate | n/a | = | 0.039 | µg/L | EPA 525.2 | 0.003 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Phorate | n/a | = | 0.0396 | µg/L | EPA 525.2 | 0.003 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Phorate | n/a | = | 79 | % | EPA 525.2 | -88 | -88 | 70 | 243 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Phorate | n/a | = | 78 | % | EPA 525.2 | -88 | -88 | 70 | 243 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Phorate | n/a | = | 1 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Phorate | n/a | < | 0.003 | µg/L | EPA 525.2 | 0.003 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 2/23/2010 | Pesticide | Picloram | n/a | = | 1.85 | µg/L | EPA 515.3 | 0.34 | 0.6 | | | X |
| 2009/10-3 | Lab | LCS, rec | 2/23/2010 | Pesticide | Picloram | n/a | = | 92 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | Lab | method blank | 2/23/2010 | Pesticide | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | | | X |
| 2009/10-3 | ME-CC | matrix spike | 2/23/2010 | Pesticide | Picloram | n/a | = | 2.18 | µg/L | EPA 515.3 | 0.34 | 0.6 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup | 2/23/2010 | Pesticide | Picloram | n/a | = | 2.23 | µg/L | EPA 515.3 | 0.34 | 0.6 | | | X |
| 2009/10-3 | ME-CC | matrix spike dup, rec | 2/23/2010 | Pesticide | Picloram | n/a | = | 111 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, rec | 2/23/2010 | Pesticide | Picloram | n/a | = | 109 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3 | ME-CC | matrix spike, RPD | 2/23/2010 | Pesticide | Picloram | n/a | = | 2 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Pesticide | Prometon | n/a | = | 3.51 | µg/L | EPA 525.2 | 0.16 | 0.2 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Pesticide | Prometon | n/a | = | 3.54 | µg/L | EPA 525.2 | 0.16 | 0.2 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Pesticide | Prometon | n/a | = | 71 | % | EPA 525.2 | -88 | -88 | 6 | 110 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Pesticide | Prometon | n/a | = | 70 | % | EPA 525.2 | -88 | -88 | 6 | 110 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Pesticide | Prometon | n/a | = | 0.9 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Pesticide | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/24/2010 | Pesticide | Prometon | n/a | = | 3.37 | µg/L | EPA 525.2 | 0.16 | 0.2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/24/2010 | Pesticide | Prometon | n/a | = | 3.55 | µg/L | EPA 525.2 | 0.16 | 0.2 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-------------------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/24/2010 | Pesticide | Prometon | n/a | = | 71 | % | EPA 525.2 | -88 | -88 | 5 | 148 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/24/2010 | Pesticide | Prometon | n/a | = | 67 | % | EPA 525.2 | -88 | -88 | 5 | 148 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/24/2010 | Pesticide | Prometon | n/a | = | 5 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Pesticide | Prometryn | n/a | = | 4.66 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Pesticide | Prometryn | n/a | = | 4.79 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Pesticide | Prometryn | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 34 | 152 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Pesticide | Prometryn | n/a | = | 93 | % | EPA 525.2 | -88 | -88 | 34 | 152 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Pesticide | Prometryn | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Pesticide | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/24/2010 | Pesticide | Prometryn | n/a | = | 4.31 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/24/2010 | Pesticide | Prometryn | n/a | = | 4.37 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/24/2010 | Pesticide | Prometryn | n/a | = | 87 | % | EPA 525.2 | -88 | -88 | 44 | 169 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/24/2010 | Pesticide | Prometryn | n/a | = | 86 | % | EPA 525.2 | -88 | -88 | 44 | 169 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/24/2010 | Pesticide | Prometryn | n/a | = | 1 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 0.0529 | µg/L | EPA 525.2 | 0.0041 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 0.0481 | µg/L | EPA 525.2 | 0.0041 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 70 | 145 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 106 | % | EPA 525.2 | -88 | -88 | 70 | 145 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 9 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Ronnel (Fenchlorphos) | n/a | < | 0.0041 | µg/L | EPA 525.2 | 0.0041 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Pesticide | Simazine | n/a | = | 4.24 | µg/L | EPA 525.2 | 0.083 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Pesticide | Simazine | n/a | = | 4.32 | µg/L | EPA 525.2 | 0.083 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Pesticide | Simazine | n/a | = | 86 | % | EPA 525.2 | -88 | -88 | 54 | 156 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Pesticide | Simazine | n/a | = | 85 | % | EPA 525.2 | -88 | -88 | 54 | 156 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Pesticide | Simazine | n/a | = | 2 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Pesticide | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/24/2010 | Pesticide | Simazine | n/a | = | 3.05 | µg/L | EPA 525.2 | 0.083 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/24/2010 | Pesticide | Simazine | n/a | = | 3.65 | µg/L | EPA 525.2 | 0.083 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/24/2010 | Pesticide | Simazine | n/a | = | 73 | % | EPA 525.2 | -88 | -88 | 53 | 152 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/24/2010 | Pesticide | Simazine | n/a | = | 61 | % | EPA 525.2 | -88 | -88 | 53 | 152 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/24/2010 | Pesticide | Simazine | n/a | = | 18 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 0.0813 | µg/L | EPA 525.2 | 0.0031 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 0.0752 | µg/L | EPA 525.2 | 0.0031 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 150 | % | EPA 525.2 | -88 | -88 | 70 | 278 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 163 | % | EPA 525.2 | -88 | -88 | 70 | 278 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 8 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0031 | µg/L | EPA 525.2 | 0.0031 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Pesticide | Terbacil | n/a | = | 4.98 | µg/L | EPA 525.2 | 0.55 | 2 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Pesticide | Terbacil | n/a | = | 4.99 | µg/L | EPA 525.2 | 0.55 | 2 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Pesticide | Terbacil | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 66 | 140 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Pesticide | Terbacil | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 66 | 140 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Pesticide | Terbacil | n/a | = | 0.2 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Pesticide | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/24/2010 | Pesticide | Terbacil | n/a | = | 5.03 | µg/L | EPA 525.2 | 0.55 | 2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/24/2010 | Pesticide | Terbacil | n/a | = | 5.33 | µg/L | EPA 525.2 | 0.55 | 2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/24/2010 | Pesticide | Terbacil | n/a | = | 107 | % | EPA 525.2 | -88 | -88 | 56 | 159 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/24/2010 | Pesticide | Terbacil | n/a | = | 101 | % | EPA 525.2 | -88 | -88 | 56 | 159 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|---------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/24/2010 | Pesticide | Terbacil | n/a | = | 6 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Pesticide | Thiobencarb | n/a | = | 4.37 | µg/L | EPA 525.2 | 0.11 | 0.2 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Pesticide | Thiobencarb | n/a | = | 4.46 | µg/L | EPA 525.2 | 0.11 | 0.2 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Pesticide | Thiobencarb | n/a | = | 89 | % | EPA 525.2 | -88 | -88 | 57 | 162 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Pesticide | Thiobencarb | n/a | = | 87 | % | EPA 525.2 | -88 | -88 | 57 | 162 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Pesticide | Thiobencarb | n/a | = | 2 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Pesticide | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/24/2010 | Pesticide | Thiobencarb | n/a | = | 4.24 | µg/L | EPA 525.2 | 0.11 | 0.2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/24/2010 | Pesticide | Thiobencarb | n/a | = | 4.6 | µg/L | EPA 525.2 | 0.11 | 0.2 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/24/2010 | Pesticide | Thiobencarb | n/a | = | 92 | % | EPA 525.2 | -88 | -88 | 71 | 160 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/24/2010 | Pesticide | Thiobencarb | n/a | = | 85 | % | EPA 525.2 | -88 | -88 | 71 | 160 | X |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/24/2010 | Pesticide | Thiobencarb | n/a | = | 8 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Tokuthion | n/a | = | 0.0536 | µg/L | EPA 525.2 | 0.0078 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Tokuthion | n/a | = | 0.0528 | µg/L | EPA 525.2 | 0.0078 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Tokuthion | n/a | = | 106 | % | EPA 525.2 | -88 | -88 | 70 | 122 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Tokuthion | n/a | = | 107 | % | EPA 525.2 | -88 | -88 | 70 | 122 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Tokuthion | n/a | = | 1 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Tokuthion | n/a | < | 0.0078 | µg/L | EPA 525.2 | 0.0078 | 0.01 | | | X |
| 2009/10-3 | Lab | method blank | 3/4/2010 | Pesticide | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | | | X |
| 2009/10-3 | Lab | LCS | 3/3/2010 | Pesticide | Trichloronate | n/a | = | 0.0527 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup | 3/3/2010 | Pesticide | Trichloronate | n/a | = | 0.0486 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 3/3/2010 | Pesticide | Trichloronate | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 70 | 122 | X |
| 2009/10-3 | Lab | LCS, rec | 3/3/2010 | Pesticide | Trichloronate | n/a | = | 105 | % | EPA 525.2 | -88 | -88 | 70 | 122 | X |
| 2009/10-3 | Lab | LCS, RPD | 3/3/2010 | Pesticide | Trichloronate | n/a | = | 8 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3 | Lab | method blank | 3/3/2010 | Pesticide | Trichloronate | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-3 | Lab | LCS | 2/17/2010 | Pesticide | Trithion | n/a | = | 4.04 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup | 2/17/2010 | Pesticide | Trithion | n/a | = | 4.41 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-3 | Lab | LCS dup, rec | 2/17/2010 | Pesticide | Trithion | n/a | = | 88 | % | EPA 525.2 | -88 | -88 | 62 | 149 | X |
| 2009/10-3 | Lab | LCS, rec | 2/17/2010 | Pesticide | Trithion | n/a | = | 81 | % | EPA 525.2 | -88 | -88 | 62 | 149 | X |
| 2009/10-3 | Lab | LCS, RPD | 2/17/2010 | Pesticide | Trithion | n/a | = | 9 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3 | Lab | method blank | 2/17/2010 | Pesticide | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike | 2/24/2010 | Pesticide | Trithion | n/a | = | 3.87 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup | 2/24/2010 | Pesticide | Trithion | n/a | = | 4.71 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-3 | MO-VEN | matrix spike dup, rec | 2/24/2010 | Pesticide | Trithion | n/a | = | 94 | % | EPA 525.2 | -88 | -88 | 86 | 144 | X |
| 2009/10-3 | MO-VEN | matrix spike, rec | 2/24/2010 | Pesticide | Trithion | n/a | = | 77 | % | EPA 525.2 | -88 | -88 | 86 | 144 | GB |
| 2009/10-3 | MO-VEN | matrix spike, RPD | 2/24/2010 | Pesticide | Trithion | n/a | = | 20 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/2/2010 | Anion | Chloride | n/a | = | 137 | mg/L | EPA 300.0 | 0.25 | 2.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/2/2010 | Anion | Chloride | n/a | = | 251 | mg/L | EPA 300.0 | 1 | 10 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/2/2010 | Anion | Chloride | n/a | = | 136 | mg/L | EPA 300.0 | 0.25 | 2.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/2/2010 | Anion | Chloride | n/a | = | 252 | mg/L | EPA 300.0 | 1 | 10 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/2/2010 | Anion | Chloride | n/a | = | 91 | % | EPA 300.0 | -88 | -88 | 72 | 118 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/2/2010 | Anion | Chloride | n/a | = | 91 | % | EPA 300.0 | -88 | -88 | 72 | 118 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/2/2010 | Anion | Chloride | n/a | = | 95 | % | EPA 300.0 | -88 | -88 | 72 | 118 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/2/2010 | Anion | Chloride | n/a | = | 107 | % | EPA 300.0 | -88 | -88 | 72 | 118 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/2/2010 | Anion | Chloride | n/a | = | 0.7 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/2/2010 | Anion | Chloride | n/a | = | 0.6 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Anion | Chloride | n/a | = | 3.73 | mg/L | EPA 300.0 | 0.05 | 0.5 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|-------------|----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Anion | Chloride | n/a | = | 93 | % | EPA 300.0 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Anion | Chloride | n/a | < | 0.05 | mg/L | EPA 300.0 | 0.05 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/2/2010 | Anion | Fluoride | n/a | = | 2.28 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/2/2010 | Anion | Fluoride | n/a | = | 2.22 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/2/2010 | Anion | Fluoride | n/a | = | 2.3 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/2/2010 | Anion | Fluoride | n/a | = | 2.23 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/2/2010 | Anion | Fluoride | n/a | = | 93 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/2/2010 | Anion | Fluoride | n/a | = | 93 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/2/2010 | Anion | Fluoride | n/a | = | 92 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/2/2010 | Anion | Fluoride | n/a | = | 92 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/2/2010 | Anion | Fluoride | n/a | = | 0.7 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/2/2010 | Anion | Fluoride | n/a | = | 0.5 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Anion | Fluoride | n/a | = | 1.88 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Anion | Fluoride | n/a | = | 94 | % | EPA 300.0 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Anion | Fluoride | n/a | DNQ | 0.014 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Anion | Perchlorate | n/a | = | 8.99 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Anion | Perchlorate | n/a | = | 8.93 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Anion | Perchlorate | n/a | = | 89 | % | EPA 314.0 | -88 | -88 | 80 | 120 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Anion | Perchlorate | n/a | = | 90 | % | EPA 314.0 | -88 | -88 | 80 | 120 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Anion | Perchlorate | n/a | = | 0.7 | % | EPA 314.0 | -88 | -88 | 0 | 15 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Anion | Perchlorate | n/a | = | 10.6 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Anion | Perchlorate | n/a | = | 106 | % | EPA 314.0 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Anion | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Cation | Calcium | Total | = | 129 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Cation | Calcium | Total | = | 94.2 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Cation | Calcium | Total | = | 93.7 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Cation | Calcium | Total | = | 130 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Cation | Calcium | Total | = | 99 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Cation | Calcium | Total | = | 106 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Cation | Calcium | Total | = | 105 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Cation | Calcium | Total | = | 100 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Cation | Calcium | Total | = | 0.4 | % | EPA 200.7 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Cation | Calcium | Total | = | 0.6 | % | EPA 200.7 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Cation | Calcium | Total | = | 48.7 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Cation | Calcium | Total | = | 97 | % | EPA 200.7 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Cation | Calcium | Total | DNQ | 0.0286 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Cation | Magnesium | Total | = | 86.5 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Cation | Magnesium | Total | = | 65.5 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Cation | Magnesium | Total | = | 86 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Cation | Magnesium | Total | = | 64.4 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Cation | Magnesium | Total | = | 110 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Cation | Magnesium | Total | = | 103 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Cation | Magnesium | Total | = | 105 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Cation | Magnesium | Total | = | 112 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Cation | Magnesium | Total | = | 2 | % | EPA 200.7 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Cation | Magnesium | Total | = | 0.6 | % | EPA 200.7 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Cation | Magnesium | Total | = | 49.3 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|---------------------|----------|------|--------|----------|--------------|--------|-------|----------|------|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Cation | Magnesium | Total | = | 98 | % | EPA 200.7 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Cation | Magnesium | Total | DNQ | 0.0165 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | lab duplicate | 2/26/2010 | Conventional | Alkalinity as CaCO3 | n/a | = | 723 | mg/L | SM 2320 B | 1.2 | 2 | | 15 | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Conventional | Alkalinity as CaCO3 | n/a | = | 264 | mg/L | SM 2320 B | 1.2 | 2 | | | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Conventional | Alkalinity as CaCO3 | n/a | = | 106 | % | SM 2320 B | -88 | -88 | 94 | 108 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Conventional | Alkalinity as CaCO3 | n/a | = | 6.57 | mg/L | SM 2320 B | 1.2 | 2 | | | IP |
| 2009/10-3A | Lab | LCS | 3/1/2010 | Conventional | BOD | n/a | = | 172 | mg/L | SM 5210 B | 0.1 | 2 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/1/2010 | Conventional | BOD | n/a | = | 87 | % | SM 5210 B | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | 000NONPJ | matrix spike | 2/26/2010 | Conventional | COD | n/a | = | 228 | mg/L | EPA 410.4 | 3.7 | 10 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 2/26/2010 | Conventional | COD | n/a | = | 210 | mg/L | EPA 410.4 | 3.7 | 10 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 2/26/2010 | Conventional | COD | n/a | = | 210 | mg/L | EPA 410.4 | 3.7 | 10 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 2/26/2010 | Conventional | COD | n/a | = | 228 | mg/L | EPA 410.4 | 3.7 | 10 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 2/26/2010 | Conventional | COD | n/a | = | 102 | % | EPA 410.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 2/26/2010 | Conventional | COD | n/a | = | 105 | % | EPA 410.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 2/26/2010 | Conventional | COD | n/a | = | 102 | % | EPA 410.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 2/26/2010 | Conventional | COD | n/a | = | 105 | % | EPA 410.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 2/26/2010 | Conventional | COD | n/a | = | 0.01 | % | EPA 410.4 | -88 | -88 | 0 | 15 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 2/26/2010 | Conventional | COD | n/a | = | 0.03 | % | EPA 410.4 | -88 | -88 | 0 | 15 | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Conventional | COD | n/a | = | 102 | mg/L | EPA 410.4 | 1.8 | 5 | | | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Conventional | COD | n/a | = | 102 | % | EPA 410.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Conventional | COD | n/a | < | 1.8 | mg/L | EPA 410.4 | 1.8 | 5 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Conventional | Cyanide | Total | = | 0.0537 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Conventional | Cyanide | Total | = | 107 | % | EPA 335.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Conventional | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-3A | ME-SCR | matrix spike | 2/26/2010 | Conventional | Cyanide | Total | = | 0.184 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup | 2/26/2010 | Conventional | Cyanide | Total | = | 0.18 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup, rec | 2/26/2010 | Conventional | Cyanide | Total | = | 90 | % | EPA 335.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | ME-SCR | matrix spike, rec | 2/26/2010 | Conventional | Cyanide | Total | = | 92 | % | EPA 335.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | ME-SCR | matrix spike, RPD | 2/26/2010 | Conventional | Cyanide | Total | = | 2 | % | EPA 335.4 | -88 | -88 | 0 | 20 | X |
| 2009/10-3A | 000NONPJ | matrix spike | 2/24/2010 | Conventional | MBAS | n/a | = | 0.182 | mg/L | SM 5540 C | 0.019 | 0.05 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 2/24/2010 | Conventional | MBAS | n/a | = | 0.189 | mg/L | SM 5540 C | 0.019 | 0.05 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 2/24/2010 | Conventional | MBAS | n/a | = | 95 | % | SM 5540 C | -88 | -88 | 77 | 118 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 2/24/2010 | Conventional | MBAS | n/a | = | 91 | % | SM 5540 C | -88 | -88 | 77 | 118 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 2/24/2010 | Conventional | MBAS | n/a | = | 4 | % | SM 5540 C | -88 | -88 | 0 | 20 | X |
| 2009/10-3A | Lab | LCS | 2/24/2010 | Conventional | MBAS | n/a | = | 0.182 | mg/L | SM 5540 C | 0.019 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS, rec | 2/24/2010 | Conventional | MBAS | n/a | = | 91 | % | SM 5540 C | -88 | -88 | 79 | 113 | X |
| 2009/10-3A | Lab | method blank | 2/24/2010 | Conventional | MBAS | n/a | < | 0.019 | mg/L | SM 5540 C | 0.019 | 0.05 | | | X |
| 2009/10-3A | 000NONPJ | lab duplicate | 2/22/2010 | Conventional | pH | n/a | = | 7.26 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | | 3.24 | X |
| 2009/10-3A | Lab | CRM | 2/22/2010 | Conventional | pH | n/a | = | 6.86 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | | | X |
| 2009/10-3A | Lab | CRM, rec | 2/22/2010 | Conventional | pH | n/a | = | 100 | % | SM 4500-H+ B | -88 | -88 | 96.7 | 102 | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Conventional | Phenolics | n/a | = | 0.0965 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Conventional | Phenolics | n/a | = | 97 | % | EPA 420.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Conventional | Phenolics | n/a | < | 0.0016 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | X |
| 2009/10-3A | ME-SCR | matrix spike | 3/4/2010 | Conventional | Phenolics | n/a | = | 0.188 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup | 3/4/2010 | Conventional | Phenolics | n/a | = | 0.205 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup, rec | 3/4/2010 | Conventional | Phenolics | n/a | = | 75 | % | EPA 420.4 | -88 | -88 | 90 | 110 | GB |
| 2009/10-3A | ME-SCR | matrix spike, rec | 3/4/2010 | Conventional | Phenolics | n/a | = | 67 | % | EPA 420.4 | -88 | -88 | 90 | 110 | GB |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|---------------------------|-----------|------|--------|----------|-----------|-------|-----|----------|------|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | ME-SCR | matrix spike, RPD | 3/4/2010 | Conventional | Phenolics | n/a | = | 9 | % | EPA 420.4 | -88 | -88 | 0 | 20 | X |
| 2009/10-3A | 000NONPJ | lab duplicate | 3/3/2010 | Conventional | Specific Conductance | n/a | = | 2.89 | µmhos/cm | SM 2510 B | 0.23 | 2 | | 4.28 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Conventional | Specific Conductance | n/a | = | 204 | µmhos/cm | SM 2510 B | 0.23 | 2 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Conventional | Specific Conductance | n/a | = | 102 | % | SM 2510 B | -88 | -88 | 95 | 105 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Conventional | Specific Conductance | n/a | DNQ | 0.36 | µmhos/cm | SM 2510 B | 0.23 | 2 | | | X |
| 2009/10-3A | 000NONPJ | lab duplicate | 2/26/2010 | Conventional | Total Dissolved Solids | n/a | = | 429 | mg/L | SM 2540 C | 4 | 10 | | 10 | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Conventional | Total Dissolved Solids | n/a | = | 825 | mg/L | SM 2540 C | 4 | 10 | | | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Conventional | Total Dissolved Solids | n/a | = | 100 | % | SM 2540 C | -88 | -88 | 91 | 104 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Conventional | Total Dissolved Solids | n/a | DNQ | 5 | mg/L | SM 2540 C | 4 | 10 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/2/2010 | Conventional | Total Organic Carbon | n/a | = | 5.02 | mg/L | SM 5310 C | 0.032 | 0.3 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/2/2010 | Conventional | Total Organic Carbon | n/a | = | 4.94 | mg/L | SM 5310 C | 0.032 | 0.3 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/2/2010 | Conventional | Total Organic Carbon | n/a | = | 95 | % | SM 5310 C | -88 | -88 | 84 | 107 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/2/2010 | Conventional | Total Organic Carbon | n/a | = | 97 | % | SM 5310 C | -88 | -88 | 84 | 107 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/2/2010 | Conventional | Total Organic Carbon | n/a | = | 2 | % | SM 5310 C | -88 | -88 | 0 | 20 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Conventional | Total Organic Carbon | n/a | = | 4.83 | mg/L | SM 5310 C | 0.032 | 0.3 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Conventional | Total Organic Carbon | n/a | = | 97 | % | SM 5310 C | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Conventional | Total Organic Carbon | n/a | DNQ | 0.0334 | mg/L | SM 5310 C | 0.032 | 0.3 | | | X |
| 2009/10-3A | 000NONPJ | lab duplicate | 2/24/2010 | Conventional | Total Suspended Solids | n/a | = | 57 | mg/L | SM 2540 D | 5 | 5 | | 20 | X |
| 2009/10-3A | 000NONPJ | lab duplicate | 2/24/2010 | Conventional | Total Suspended Solids | n/a | < | 5 | mg/L | SM 2540 D | 5 | 5 | | 20 | X |
| 2009/10-3A | Lab | method blank | 2/24/2010 | Conventional | Total Suspended Solids | n/a | < | 5 | mg/L | SM 2540 D | 5 | 5 | | | X |
| 2009/10-3A | 000NONPJ | lab duplicate | 2/23/2010 | Conventional | Turbidity | n/a | < | 0.04 | NTU | EPA 180.1 | 0.04 | 0.1 | | 10 | X |
| 2009/10-3A | Lab | LCS | 2/23/2010 | Conventional | Turbidity | n/a | = | 6.19 | NTU | EPA 180.1 | 0.04 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS | 2/23/2010 | Conventional | Turbidity | n/a | = | 6.11 | NTU | EPA 180.1 | 0.04 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 2/23/2010 | Conventional | Turbidity | n/a | = | 100 | % | EPA 180.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | Lab | LCS, rec | 2/23/2010 | Conventional | Turbidity | n/a | = | 99 | % | EPA 180.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | Lab | method blank | 2/23/2010 | Conventional | Turbidity | n/a | < | 0.04 | NTU | EPA 180.1 | 0.04 | 0.1 | | | X |
| 2009/10-3A | Lab | method blank | 2/23/2010 | Conventional | Turbidity | n/a | < | 0.04 | NTU | EPA 180.1 | 0.04 | 0.1 | | | X |
| 2009/10-3A | ME-SCR | lab duplicate | 2/23/2010 | Conventional | Turbidity | n/a | = | 16.2 | NTU | EPA 180.1 | 0.04 | 0.1 | | 10 | X |
| 2009/10-3A | 000NONPJ | lab duplicate | 2/27/2010 | Conventional | Volatile Suspended Solids | n/a | = | 220 | mg/L | EPA 160.4 | 3.1 | 5 | | 15 | X |
| 2009/10-3A | Lab | method blank | 2/27/2010 | Conventional | Volatile Suspended Solids | n/a | < | 3.1 | mg/L | EPA 160.4 | 3.1 | 5 | | | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Hydrocarbon | Oil and Grease | n/a | DNQ | 4.5 | mg/L | EPA 1664A | 2 | 5 | | | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Hydrocarbon | Oil and Grease | n/a | = | 18.1 | mg/L | EPA 1664A | 2 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/3/2010 | Hydrocarbon | Oil and Grease | n/a | = | 17.8 | mg/L | EPA 1664A | 2 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/3/2010 | Hydrocarbon | Oil and Grease | n/a | = | 89 | % | EPA 1664A | -88 | -88 | 78 | 114 | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Hydrocarbon | Oil and Grease | n/a | = | 90 | % | EPA 1664A | -88 | -88 | 78 | 114 | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Hydrocarbon | Oil and Grease | n/a | = | 90 | % | EPA 1664A | -88 | -88 | 78 | 114 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/3/2010 | Hydrocarbon | Oil and Grease | n/a | = | 2 | % | EPA 1664A | -88 | -88 | 0 | 18 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Hydrocarbon | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | | | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Hydrocarbon | TPH | n/a | = | 11.4 | mg/L | EPA 1664A | 1.9 | 5 | | | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Hydrocarbon | TPH | n/a | DNQ | 2.6 | mg/L | EPA 1664A | 1.9 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/3/2010 | Hydrocarbon | TPH | n/a | = | 11.9 | mg/L | EPA 1664A | 1.9 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/3/2010 | Hydrocarbon | TPH | n/a | = | 119 | % | EPA 1664A | -88 | -88 | 64 | 132 | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Hydrocarbon | TPH | n/a | = | 104 | % | EPA 1664A | -88 | -88 | 64 | 132 | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Hydrocarbon | TPH | n/a | = | 114 | % | EPA 1664A | -88 | -88 | 64 | 132 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/3/2010 | Hydrocarbon | TPH | n/a | = | 4 | % | EPA 1664A | -88 | -88 | 0 | 18 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Hydrocarbon | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Aluminum | Dissolved | = | 56.6 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Aluminum | Dissolved | = | 57.3 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Aluminum | Dissolved | = | 57.5 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Aluminum | Dissolved | = | 57.8 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Aluminum | Dissolved | = | 102 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Aluminum | Dissolved | = | 101 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Aluminum | Dissolved | = | 100 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Aluminum | Dissolved | = | 101 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Aluminum | Dissolved | = | 0.9 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Aluminum | Dissolved | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Aluminum | Dissolved | = | 52.4 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Aluminum | Dissolved | = | 105 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Aluminum | Dissolved | DNQ | 2.21 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Aluminum | Total | = | 56.6 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Aluminum | Total | = | 57.3 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Aluminum | Total | = | 57.8 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Aluminum | Total | = | 57.5 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Aluminum | Total | = | 101 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Aluminum | Total | = | 102 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Aluminum | Total | = | 101 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Aluminum | Total | = | 100 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Aluminum | Total | = | 0.9 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Aluminum | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Aluminum | Total | = | 52.4 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Aluminum | Total | = | 105 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Aluminum | Total | DNQ | 2.21 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Antimony | Dissolved | = | 49.6 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Antimony | Dissolved | = | 49.6 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Antimony | Dissolved | = | 48.1 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Antimony | Dissolved | = | 49 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Antimony | Dissolved | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Antimony | Dissolved | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Antimony | Dissolved | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Antimony | Dissolved | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Antimony | Dissolved | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Antimony | Dissolved | = | 3 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Antimony | Dissolved | = | 48.3 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Antimony | Dissolved | = | 97 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Antimony | Dissolved | DNQ | 0.0365 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Antimony | Total | = | 49.6 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Antimony | Total | = | 49.6 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Antimony | Total | = | 49 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Antimony | Total | = | 48.1 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Antimony | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Antimony | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Antimony | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Antimony | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Antimony | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Antimony | Total | = | 3 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Antimony | Total | = | 48.3 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Antimony | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Antimony | Total | DNQ | 0.0365 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Arsenic | Dissolved | = | 48.2 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Arsenic | Dissolved | = | 48.3 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Arsenic | Dissolved | = | 47.2 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Arsenic | Dissolved | = | 47.2 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Arsenic | Dissolved | = | 91 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Arsenic | Dissolved | = | 92 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Arsenic | Dissolved | = | 93 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Arsenic | Dissolved | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Arsenic | Dissolved | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Arsenic | Dissolved | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Arsenic | Dissolved | = | 46.8 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Arsenic | Dissolved | = | 94 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Arsenic | Dissolved | < | 0.014 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Arsenic | Total | = | 48.2 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Arsenic | Total | = | 48.3 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Arsenic | Total | = | 47.2 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Arsenic | Total | = | 47.2 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Arsenic | Total | = | 92 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Arsenic | Total | = | 91 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Arsenic | Total | = | 93 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Arsenic | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Arsenic | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Arsenic | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Arsenic | Total | = | 46.8 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Arsenic | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Arsenic | Total | < | 0.014 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Barium | Total | = | 63.8 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Barium | Total | = | 56 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Barium | Total | = | 63 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Barium | Total | = | 56.8 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Barium | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Barium | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Barium | Total | = | 100 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Barium | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Barium | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Barium | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Barium | Total | = | 50.5 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Barium | Total | = | 101 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Barium | Total | < | 0.024 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Beryllium | Dissolved | = | 47.3 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Beryllium | Dissolved | = | 47 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Beryllium | Dissolved | = | 46.5 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Beryllium | Dissolved | = | 46.5 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Beryllium | Dissolved | = | 93 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Beryllium | Dissolved | = | 93 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Beryllium | Dissolved | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Beryllium | Dissolved | = | 95 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Beryllium | Dissolved | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Beryllium | Dissolved | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Beryllium | Dissolved | = | 46.8 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Beryllium | Dissolved | = | 94 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Beryllium | Total | = | 47.3 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Beryllium | Total | = | 47 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Beryllium | Total | = | 46.5 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Beryllium | Total | = | 46.5 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Beryllium | Total | = | 93 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Beryllium | Total | = | 93 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Beryllium | Total | = | 95 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Beryllium | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Beryllium | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Beryllium | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Beryllium | Total | = | 46.8 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Beryllium | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Beryllium | Total | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Cadmium | Dissolved | = | 47.7 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Cadmium | Dissolved | = | 48.2 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Cadmium | Dissolved | = | 47.8 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Cadmium | Dissolved | = | 47.5 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Cadmium | Dissolved | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Cadmium | Dissolved | = | 95 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Cadmium | Dissolved | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Cadmium | Dissolved | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Cadmium | Dissolved | = | 0.5 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Cadmium | Dissolved | = | 0.8 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Cadmium | Dissolved | = | 48.9 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Cadmium | Dissolved | = | 98 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Cadmium | Dissolved | < | 0.013 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Cadmium | Total | = | 48.2 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Cadmium | Total | = | 47.7 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Cadmium | Total | = | 47.8 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Cadmium | Total | = | 47.5 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Cadmium | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Cadmium | Total | = | 95 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Cadmium | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Cadmium | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Cadmium | Total | = | 0.5 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Cadmium | Total | = | 0.8 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Cadmium | Total | = | 48.9 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Cadmium | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|--------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Cadmium | Total | < | 0.013 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Chromium | Dissolved | = | 48.1 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Chromium | Dissolved | = | 48.7 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Chromium | Dissolved | = | 48 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Chromium | Dissolved | = | 48.3 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Chromium | Dissolved | = | 95 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Chromium | Dissolved | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Chromium | Dissolved | = | 95 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Chromium | Dissolved | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Chromium | Dissolved | = | 0.8 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Chromium | Dissolved | = | 0.2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Chromium | Dissolved | = | 51.7 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Chromium | Dissolved | = | 104 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Chromium | Dissolved | DNQ | 0.0909 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Chromium | Total | = | 48.1 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Chromium | Total | = | 48.7 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Chromium | Total | = | 48.3 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Chromium | Total | = | 48 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Chromium | Total | = | 95 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Chromium | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Chromium | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Chromium | Total | = | 95 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Chromium | Total | = | 0.8 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Chromium | Total | = | 0.2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Chromium | Total | = | 51.7 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Chromium | Total | = | 104 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Chromium | Total | DNQ | 0.0909 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-3A | Lab | LCS | 2/24/2010 | Metal | Chromium VI | n/a | = | 4.79 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | X |
| 2009/10-3A | Lab | LCS, rec | 2/24/2010 | Metal | Chromium VI | n/a | = | 96 | % | EPA 218.6 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | Lab | method blank | 2/24/2010 | Metal | Chromium VI | n/a | < | 0.0059 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | X |
| 2009/10-3A | ME-SCR | matrix spike | 2/24/2010 | Metal | Chromium VI | n/a | = | 4.65 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup | 2/24/2010 | Metal | Chromium VI | n/a | = | 4.98 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup, rec | 2/24/2010 | Metal | Chromium VI | n/a | = | 98 | % | EPA 218.6 | -88 | -88 | 88 | 112 | X |
| 2009/10-3A | ME-SCR | matrix spike, rec | 2/24/2010 | Metal | Chromium VI | n/a | = | 91 | % | EPA 218.6 | -88 | -88 | 88 | 112 | X |
| 2009/10-3A | ME-SCR | matrix spike, RPD | 2/24/2010 | Metal | Chromium VI | n/a | = | 7 | % | EPA 218.6 | -88 | -88 | 0 | 10 | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Copper | Dissolved | = | 52.4 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Copper | Dissolved | = | 52.9 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Copper | Dissolved | = | 51.5 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Copper | Dissolved | = | 51.6 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Copper | Dissolved | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Copper | Dissolved | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Copper | Dissolved | = | 100 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Copper | Dissolved | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Copper | Dissolved | = | 3 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Copper | Dissolved | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Copper | Dissolved | = | 53.5 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Copper | Dissolved | = | 107 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Copper | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Copper | Total | = | 52.9 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Copper | Total | = | 52.4 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Copper | Total | = | 51.5 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Copper | Total | = | 51.6 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Copper | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Copper | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Copper | Total | = | 100 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Copper | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Copper | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Copper | Total | = | 3 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Copper | Total | = | 53.5 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Copper | Total | = | 107 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Copper | Total | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Iron | Dissolved | = | 1050 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Iron | Dissolved | = | 1130 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Iron | Dissolved | = | 1150 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Iron | Dissolved | = | 1070 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Iron | Dissolved | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Iron | Dissolved | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Iron | Dissolved | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Iron | Dissolved | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Iron | Dissolved | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Iron | Dissolved | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Iron | Dissolved | = | 1040 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Iron | Dissolved | = | 99 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Iron | Dissolved | < | 0.6 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Iron | Total | = | 1130 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Iron | Total | = | 1050 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Iron | Total | = | 1150 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Iron | Total | = | 1070 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Iron | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Iron | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Iron | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Iron | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Iron | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Iron | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Iron | Total | = | 1040 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Iron | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Iron | Total | < | 0.6 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Lead | Dissolved | = | 52 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Lead | Dissolved | = | 52.1 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Lead | Dissolved | = | 52.1 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Lead | Dissolved | = | 51.9 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Lead | Dissolved | = | 104 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Lead | Dissolved | = | 101 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Lead | Dissolved | = | 102 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Lead | Dissolved | = | 104 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Lead | Dissolved | = | 0.2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Lead | Dissolved | = | 0.05 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Lead | Dissolved | = | 51.3 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Lead | Dissolved | = | 103 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Lead | Dissolved | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Lead | Total | = | 52 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Lead | Total | = | 52.1 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Lead | Total | = | 51.9 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Lead | Total | = | 52.1 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Lead | Total | = | 104 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Lead | Total | = | 101 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Lead | Total | = | 104 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Lead | Total | = | 102 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Lead | Total | = | 0.05 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Lead | Total | = | 0.2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Lead | Total | = | 51.3 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Lead | Total | = | 103 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Lead | Total | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/2/2010 | Metal | Mercury | Dissolved | = | 1050 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/2/2010 | Metal | Mercury | Dissolved | = | 1040 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/2/2010 | Metal | Mercury | Dissolved | = | 97 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/2/2010 | Metal | Mercury | Dissolved | = | 98 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/2/2010 | Metal | Mercury | Dissolved | = | 1 | % | EPA 245.1 | -88 | -88 | 0 | 20 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Mercury | Dissolved | = | 1010 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Mercury | Dissolved | = | 101 | % | EPA 245.1 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Mercury | Dissolved | DNQ | 42 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/2/2010 | Metal | Mercury | Total | = | 1050 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/2/2010 | Metal | Mercury | Total | = | 1040 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/2/2010 | Metal | Mercury | Total | = | 97 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/2/2010 | Metal | Mercury | Total | = | 98 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/2/2010 | Metal | Mercury | Total | = | 1 | % | EPA 245.1 | -88 | -88 | 0 | 20 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Mercury | Total | = | 1010 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Mercury | Total | = | 101 | % | EPA 245.1 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Mercury | Total | DNQ | 42 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Nickel | Dissolved | = | 49.8 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Nickel | Dissolved | = | 49.2 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Nickel | Dissolved | = | 49.3 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Nickel | Dissolved | = | 48.2 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Nickel | Dissolved | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Nickel | Dissolved | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Nickel | Dissolved | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Nickel | Dissolved | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Nickel | Dissolved | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Nickel | Dissolved | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Nickel | Dissolved | = | 53 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Nickel | Dissolved | = | 106 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Nickel | Dissolved | DNQ | 0.0303 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Nickel | Total | = | 49.2 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Nickel | Total | = | 49.8 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Nickel | Total | = | 48.2 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Nickel | Total | = | 49.3 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Nickel | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Nickel | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Nickel | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Nickel | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Nickel | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Nickel | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Nickel | Total | = | 53 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Nickel | Total | = | 106 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Nickel | Total | DNQ | 0.0303 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Selenium | Dissolved | = | 43.3 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Selenium | Dissolved | = | 43.2 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Selenium | Dissolved | = | 42.3 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Selenium | Dissolved | = | 43.9 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Selenium | Dissolved | = | 85 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Selenium | Dissolved | = | 88 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Selenium | Dissolved | = | 86 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Selenium | Dissolved | = | 86 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Selenium | Dissolved | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Selenium | Dissolved | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Selenium | Dissolved | = | 42.5 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Selenium | Dissolved | = | 85 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Selenium | Dissolved | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Selenium | Total | = | 43.3 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Selenium | Total | = | 43.2 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Selenium | Total | = | 42.3 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Selenium | Total | = | 43.9 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Selenium | Total | = | 88 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Selenium | Total | = | 85 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Selenium | Total | = | 86 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Selenium | Total | = | 86 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Selenium | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Selenium | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Selenium | Total | = | 42.5 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Selenium | Total | = | 85 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Selenium | Total | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Silver | Dissolved | = | 47.4 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Silver | Dissolved | = | 48.6 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Silver | Dissolved | = | 46.9 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Silver | Dissolved | = | 47.9 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Silver | Dissolved | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Silver | Dissolved | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Silver | Dissolved | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QA/QC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Silver | Dissolved | = | 95 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Silver | Dissolved | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Silver | Dissolved | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Silver | Dissolved | = | 49.1 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Silver | Dissolved | = | 98 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Silver | Dissolved | DNQ | 0.0426 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Silver | Total | = | 47.4 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Silver | Total | = | 48.6 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Silver | Total | = | 46.9 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Silver | Total | = | 47.9 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Silver | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Silver | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Silver | Total | = | 95 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Silver | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Silver | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Silver | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Silver | Total | = | 49.1 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Silver | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Silver | Total | DNQ | 0.0426 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Thallium | Dissolved | = | 52.8 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Thallium | Dissolved | = | 54.6 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Thallium | Dissolved | = | 52.6 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Thallium | Dissolved | = | 54.4 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Thallium | Dissolved | = | 109 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Thallium | Dissolved | = | 105 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Thallium | Dissolved | = | 106 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Thallium | Dissolved | = | 109 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Thallium | Dissolved | = | 0.5 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Thallium | Dissolved | = | 0.3 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Thallium | Dissolved | = | 52.7 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Thallium | Dissolved | = | 105 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Thallium | Total | = | 54.6 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Thallium | Total | = | 52.8 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Thallium | Total | = | 52.6 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Thallium | Total | = | 54.4 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Thallium | Total | = | 105 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Thallium | Total | = | 109 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Thallium | Total | = | 106 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Thallium | Total | = | 109 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Thallium | Total | = | 0.3 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Thallium | Total | = | 0.5 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Thallium | Total | = | 52.7 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Thallium | Total | = | 105 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Zinc | Dissolved | = | 54 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Zinc | Dissolved | = | 50.1 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|------------------------|-----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Zinc | Dissolved | = | 48.8 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Zinc | Dissolved | = | 52.8 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Zinc | Dissolved | = | 84 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Zinc | Dissolved | = | 86 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Zinc | Dissolved | = | 89 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Zinc | Dissolved | = | 86 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Zinc | Dissolved | = | 3 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Zinc | Dissolved | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Zinc | Dissolved | = | 46.6 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Zinc | Dissolved | = | 93 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Zinc | Dissolved | < | 0.3 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Zinc | Total | = | 48.6 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Metal | Zinc | Total | = | 52.7 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Zinc | Total | = | 53.3 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Metal | Zinc | Total | = | 49.1 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Zinc | Total | = | 87 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Metal | Zinc | Total | = | 85 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Zinc | Total | = | 84 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Metal | Zinc | Total | = | 86 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Zinc | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Metal | Zinc | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Metal | Zinc | Total | = | 45.4 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Metal | Zinc | Total | = | 91 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Metal | Zinc | Total | < | 0.3 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/2/2010 | Nutrient | Ammonia as N | n/a | = | 9.62 | mg/L | EPA 350.1 | 0.48 | 1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/2/2010 | Nutrient | Ammonia as N | n/a | = | 14 | mg/L | EPA 350.1 | 0.48 | 1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/2/2010 | Nutrient | Ammonia as N | n/a | = | 13.8 | mg/L | EPA 350.1 | 0.48 | 1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/2/2010 | Nutrient | Ammonia as N | n/a | = | 9.46 | mg/L | EPA 350.1 | 0.48 | 1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/2/2010 | Nutrient | Ammonia as N | n/a | = | 138 | % | EPA 350.1 | -88 | -88 | 90 | 110 | GB |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/2/2010 | Nutrient | Ammonia as N | n/a | = | 100 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/2/2010 | Nutrient | Ammonia as N | n/a | = | 120 | % | EPA 350.1 | -88 | -88 | 90 | 110 | GB |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/2/2010 | Nutrient | Ammonia as N | n/a | = | 154 | % | EPA 350.1 | -88 | -88 | 90 | 110 | GB |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/2/2010 | Nutrient | Ammonia as N | n/a | = | 1 | % | EPA 350.1 | -88 | -88 | 0 | 10 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/2/2010 | Nutrient | Ammonia as N | n/a | = | 2 | % | EPA 350.1 | -88 | -88 | 0 | 10 | X |
| 2009/10-3A | Lab | LCS | 3/2/2010 | Nutrient | Ammonia as N | n/a | = | 1 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/2/2010 | Nutrient | Ammonia as N | n/a | = | 100 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | Lab | method blank | 3/2/2010 | Nutrient | Ammonia as N | n/a | < | 0.048 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 2/23/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 2.94 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 2/23/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 2.92 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 2/23/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 99 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 2/23/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 100 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 2/23/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 0.6 | % | EPA 353.2 | -88 | -88 | 0 | 20 | X |
| 2009/10-3A | Lab | LCS | 2/23/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 0.996 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 2/23/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 100 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | Lab | method blank | 2/23/2010 | Nutrient | Nitrate + Nitrite as N | n/a | < | 0.033 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Nutrient | Phosphorus as P | Dissolved | = | 0.0474 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Nutrient | Phosphorus as P | Dissolved | = | 95 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|------------------------|---------------|----------------|------------------------|-----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Nutrient | Phosphorus as P | Dissolved | < | 0.0014 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 2/26/2010 | Nutrient | Phosphorus as P | Total | = | 0.0692 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 2/26/2010 | Nutrient | Phosphorus as P | Total | = | 0.902 | mg/L | EPA 365.1 | 0.014 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 2/26/2010 | Nutrient | Phosphorus as P | Total | = | 0.0685 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 2/26/2010 | Nutrient | Phosphorus as P | Total | = | 0.882 | mg/L | EPA 365.1 | 0.014 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 2/26/2010 | Nutrient | Phosphorus as P | Total | = | 112 | % | EPA 365.1 | -88 | -88 | 90 | 110 | GB |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 2/26/2010 | Nutrient | Phosphorus as P | Total | = | 98 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 2/26/2010 | Nutrient | Phosphorus as P | Total | = | 100 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 2/26/2010 | Nutrient | Phosphorus as P | Total | = | 152 | % | EPA 365.1 | -88 | -88 | 90 | 110 | GB |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 2/26/2010 | Nutrient | Phosphorus as P | Total | = | 1 | % | EPA 365.1 | -88 | -88 | 0 | 10 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 2/26/2010 | Nutrient | Phosphorus as P | Total | = | 2 | % | EPA 365.1 | -88 | -88 | 0 | 10 | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Nutrient | Phosphorus as P | Total | = | 0.0474 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Nutrient | Phosphorus as P | Total | = | 95 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Nutrient | Phosphorus as P | Total | < | 0.0014 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/5/2010 | Nutrient | TKN | n/a | = | 0.512 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/5/2010 | Nutrient | TKN | n/a | = | 0.62 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/5/2010 | Nutrient | TKN | n/a | = | 0.506 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/5/2010 | Nutrient | TKN | n/a | = | 0.624 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/5/2010 | Nutrient | TKN | n/a | = | 101 | % | EPA 351.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/5/2010 | Nutrient | TKN | n/a | = | 90 | % | EPA 351.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/5/2010 | Nutrient | TKN | n/a | = | 102 | % | EPA 351.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/5/2010 | Nutrient | TKN | n/a | = | 89 | % | EPA 351.2 | -88 | -88 | 90 | 110 | GB |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/5/2010 | Nutrient | TKN | n/a | = | 1 | % | EPA 351.2 | -88 | -88 | 0 | 15 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/5/2010 | Nutrient | TKN | n/a | = | 0.6 | % | EPA 351.2 | -88 | -88 | 0 | 15 | X |
| 2009/10-3A | Lab | LCS | 3/5/2010 | Nutrient | TKN | n/a | = | 1.08 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/5/2010 | Nutrient | TKN | n/a | = | 108 | % | EPA 351.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-3A | Lab | method blank | 3/5/2010 | Nutrient | TKN | n/a | < | 0.074 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 37.7 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 38.7 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 77 | % | EPA 625 | -88 | -88 | 44 | 142 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 75 | % | EPA 625 | -88 | -88 | 44 | 142 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 3 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 38.6 | µg/L | EPA 625 | 0.3 | 2 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 40.8 | µg/L | EPA 625 | 0.3 | 2 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 82 | % | EPA 625 | -88 | -88 | 32 | 129 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 77 | % | EPA 625 | -88 | -88 | 32 | 129 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | | | X |
| 2009/10-3A | Lab | srgt LCS | 2/22/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 11.2 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3A | Lab | srgt LCS dup | 2/22/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 11.6 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3A | Lab | srgt LCS dup, rec | 2/22/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 116 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | srgt LCS, rec | 2/22/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 112 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | srgt method blank | 2/22/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.4 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 2/22/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 104 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | srgt environ | 2/22/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 9.82 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3A | ME-SCR | srgt environ, rec | 2/22/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 98 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|---------|----------------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 37.6 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 39.4 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 79 | % | EPA 625 | -88 | -88 | 0.1 | 172 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 75 | % | EPA 625 | -88 | -88 | 0.1 | 172 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 5 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-3A | Lab | srgt LCS | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.62 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS, rec | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 92 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3A | Lab | srgt matrix spike | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.7 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt matrix spike dup | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.83 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt matrix spike dup, rec | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3A | Lab | srgt matrix spike, rec | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 94 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3A | Lab | srgt method blank | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.79 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3A | Lab | srgt LCS | 3/10/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.401 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup | 3/10/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.432 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup, rec | 3/10/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 86 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3A | Lab | srgt LCS, rec | 3/10/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 80 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3A | Lab | srgt method blank | 3/10/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.408 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 3/10/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 82 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3A | ME-SCR | srgt environ | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.73 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt environ, rec | 3/3/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 95 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3A | ME-SCR | srgt environ | 3/10/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.414 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt environ, rec | 3/10/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 83 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 38.3 | µg/L | EPA 625 | 0.32 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 40.6 | µg/L | EPA 625 | 0.32 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 81 | % | EPA 625 | -88 | -88 | 20 | 124 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 77 | % | EPA 625 | -88 | -88 | 20 | 124 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | | | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | | | X |
| 2009/10-3A | Lab | srgt LCS | 2/25/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 123 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup | 2/25/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 122 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup, rec | 2/25/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 122 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-3A | Lab | srgt LCS, rec | 2/25/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 123 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-3A | Lab | srgt method blank | 2/25/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 104 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 2/25/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 104 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-3A | Lab | srgt LCS | 2/26/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 22.7 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup | 2/26/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 23 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup, rec | 2/26/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 115 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-3A | Lab | srgt LCS, rec | 2/26/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 114 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-3A | Lab | srgt method blank | 2/26/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 19.7 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 2/26/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 99 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-3A | ME-SCR | srgt environ | 2/26/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 116 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt environ | 2/26/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 22.4 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt environ, rec | 2/26/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 112 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|---------|----------------------------|---------------|----------------|-------------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | ME-SCR | srgt environ, rec | 2/26/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 116 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | 2,4,6-Trichlorophenol | n/a | = | 6.41 | µg/L | EPA 8270Cm | 0.3 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | 2,4,6-Trichlorophenol | n/a | = | 6.34 | µg/L | EPA 8270Cm | 0.3 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | 2,4,6-Trichlorophenol | n/a | = | 127 | % | EPA 8270Cm | -88 | -88 | 39 | 125 | EUM |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | 2,4,6-Trichlorophenol | n/a | = | 128 | % | EPA 8270Cm | -88 | -88 | 39 | 125 | EUM |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | 2,4,6-Trichlorophenol | n/a | = | 1 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | 2,4,6-Trichlorophenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | 2,4-Dichlorophenol | n/a | = | 4.39 | µg/L | EPA 8270Cm | 0.51 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | 2,4-Dichlorophenol | n/a | = | 4.41 | µg/L | EPA 8270Cm | 0.51 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | 2,4-Dichlorophenol | n/a | = | 88 | % | EPA 8270Cm | -88 | -88 | 60 | 116 | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | 2,4-Dichlorophenol | n/a | = | 88 | % | EPA 8270Cm | -88 | -88 | 60 | 116 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | 2,4-Dichlorophenol | n/a | = | 0.5 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | 2,4-Dichlorophenol | n/a | < | 0.51 | µg/L | EPA 8270Cm | 0.51 | 1 | | | X |
| 2009/10-3A | Lab | srgt LCS | 3/4/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 8.36 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS, rec | 3/4/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 84 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | srgt method blank | 3/4/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 11.4 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 3/4/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 114 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | srgt environ | 3/4/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 9.98 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt environ, rec | 3/4/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 100 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | srgt matrix spike | 3/4/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 10.8 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt matrix spike dup | 3/4/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 10.4 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt matrix spike dup, rec | 3/4/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 104 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | srgt matrix spike, rec | 3/4/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 108 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | 2,4-Dimethylphenol | n/a | = | 3.63 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | 2,4-Dimethylphenol | n/a | = | 3.66 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | 2,4-Dimethylphenol | n/a | = | 73 | % | EPA 8270Cm | -88 | -88 | 2 | 117 | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | 2,4-Dimethylphenol | n/a | = | 73 | % | EPA 8270Cm | -88 | -88 | 2 | 117 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | 2,4-Dimethylphenol | n/a | = | 0.8 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | 2,4-Dinitrophenol | n/a | = | 8.03 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | 2,4-Dinitrophenol | n/a | = | 7.82 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | 2,4-Dinitrophenol | n/a | = | 156 | % | EPA 8270Cm | -88 | -88 | 28 | 140 | EUM |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | 2,4-Dinitrophenol | n/a | = | 161 | % | EPA 8270Cm | -88 | -88 | 28 | 140 | EUM |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | 2,4-Dinitrophenol | n/a | = | 3 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 47.7 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 49.3 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 99 | % | EPA 625 | -88 | -88 | 39 | 139 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 95 | % | EPA 625 | -88 | -88 | 39 | 139 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 3 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 39.4 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 39.9 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 80 | % | EPA 625 | -88 | -88 | 50 | 158 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 79 | % | EPA 625 | -88 | -88 | 50 | 158 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 1 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|---------|------------------------|---------------|----------------|---------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | 2-Chloronaphthalene | n/a | = | 38.7 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | 2-Chloronaphthalene | n/a | = | 39.4 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | 2-Chloronaphthalene | n/a | = | 79 | % | EPA 625 | -88 | -88 | 60 | 118 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | 2-Chloronaphthalene | n/a | = | 77 | % | EPA 625 | -88 | -88 | 60 | 118 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | 2-Chloronaphthalene | n/a | = | 2 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | 2-Chlorophenol | n/a | = | 3.67 | µg/L | EPA 8270Cm | 0.65 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | 2-Chlorophenol | n/a | = | 3.73 | µg/L | EPA 8270Cm | 0.65 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | 2-Chlorophenol | n/a | = | 75 | % | EPA 8270Cm | -88 | -88 | 56 | 98 | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | 2-Chlorophenol | n/a | = | 73 | % | EPA 8270Cm | -88 | -88 | 56 | 98 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | 2-Chlorophenol | n/a | = | 2 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | | | X |
| 2009/10-3A | Lab | srgt LCS | 2/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 38.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup | 2/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 38.4 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup, rec | 2/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 77 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-3A | Lab | srgt LCS, rec | 2/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 76 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-3A | Lab | srgt method blank | 2/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 36.3 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 2/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 73 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-3A | Lab | srgt LCS | 2/26/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 8.3 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup | 2/26/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 7.91 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup, rec | 2/26/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 79 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-3A | Lab | srgt LCS, rec | 2/26/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 83 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-3A | Lab | srgt method blank | 2/26/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 7.28 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 2/26/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 73 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-3A | ME-SCR | srgt environ | 2/26/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 7.66 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt environ | 2/26/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 42.2 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt environ, rec | 2/26/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 84 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-3A | ME-SCR | srgt environ, rec | 2/26/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 77 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-3A | Lab | srgt LCS | 2/25/2010 | Organic | 2-Fluorophenol | n/a | = | 51.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup | 2/25/2010 | Organic | 2-Fluorophenol | n/a | = | 54.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup, rec | 2/25/2010 | Organic | 2-Fluorophenol | n/a | = | 55 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-3A | Lab | srgt LCS, rec | 2/25/2010 | Organic | 2-Fluorophenol | n/a | = | 52 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-3A | Lab | srgt method blank | 2/25/2010 | Organic | 2-Fluorophenol | n/a | = | 54.2 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 2/25/2010 | Organic | 2-Fluorophenol | n/a | = | 54 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-3A | Lab | srgt LCS | 2/26/2010 | Organic | 2-Fluorophenol | n/a | = | 8.33 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup | 2/26/2010 | Organic | 2-Fluorophenol | n/a | = | 8.48 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup, rec | 2/26/2010 | Organic | 2-Fluorophenol | n/a | = | 42 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-3A | Lab | srgt LCS, rec | 2/26/2010 | Organic | 2-Fluorophenol | n/a | = | 42 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-3A | Lab | srgt method blank | 2/26/2010 | Organic | 2-Fluorophenol | n/a | = | 7.67 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 2/26/2010 | Organic | 2-Fluorophenol | n/a | = | 38 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-3A | ME-SCR | srgt environ | 2/26/2010 | Organic | 2-Fluorophenol | n/a | = | 58.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt environ | 2/26/2010 | Organic | 2-Fluorophenol | n/a | = | 7.97 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt environ, rec | 2/26/2010 | Organic | 2-Fluorophenol | n/a | = | 40 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-3A | ME-SCR | srgt environ, rec | 2/26/2010 | Organic | 2-Fluorophenol | n/a | = | 58 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | 2-Nitrophenol | n/a | = | 8.5 | µg/L | EPA 8270Cm | 0.71 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | 2-Nitrophenol | n/a | = | 8.59 | µg/L | EPA 8270Cm | 0.71 | 1 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|---------|------------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | 2-Nitrophenol | n/a | = | 172 | % | EPA 8270Cm | -88 | -88 | 54 | 121 | EUM |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | 2-Nitrophenol | n/a | = | 170 | % | EPA 8270Cm | -88 | -88 | 54 | 121 | EUM |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | 2-Nitrophenol | n/a | = | 1 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 29.3 | µg/L | EPA 625 | 0.3 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 27.6 | µg/L | EPA 625 | 0.3 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 55 | % | EPA 625 | -88 | -88 | 0.1 | 262 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 59 | % | EPA 625 | -88 | -88 | 0.1 | 262 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | | | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | 3-/4-Methylphenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | 4,6-Dinitro-2-methylphenol | n/a | = | 12.1 | µg/L | EPA 8270Cm | 0.14 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | 4,6-Dinitro-2-methylphenol | n/a | = | 12.2 | µg/L | EPA 8270Cm | 0.14 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | 4,6-Dinitro-2-methylphenol | n/a | = | 244 | % | EPA 8270Cm | -88 | -88 | 26 | 137 | EUM |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | 4,6-Dinitro-2-methylphenol | n/a | = | 241 | % | EPA 8270Cm | -88 | -88 | 26 | 137 | EUM |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | 4,6-Dinitro-2-methylphenol | n/a | = | 0.9 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | | | X |
| 2009/10-3A | Lab | srgt LCS | 2/22/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 10.9 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3A | Lab | srgt LCS dup | 2/22/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 10.9 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3A | Lab | srgt LCS dup, rec | 2/22/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 109 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | srgt LCS, rec | 2/22/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 109 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | srgt method blank | 2/22/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 10 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 2/22/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 100 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | srgt environ | 2/22/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 9.82 | µg/L | EPA 524.2 | 0 | 0 | | | X |
| 2009/10-3A | ME-SCR | srgt environ, rec | 2/22/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 98 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 47.7 | µg/L | EPA 625 | 0.23 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 48.3 | µg/L | EPA 625 | 0.23 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 97 | % | EPA 625 | -88 | -88 | 56 | 127 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 95 | % | EPA 625 | -88 | -88 | 56 | 127 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 1 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | 4-Chloro-3-methylphenol | n/a | = | 4.66 | µg/L | EPA 8270Cm | 0.37 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | 4-Chloro-3-methylphenol | n/a | = | 4.65 | µg/L | EPA 8270Cm | 0.37 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | 4-Chloro-3-methylphenol | n/a | = | 93 | % | EPA 8270Cm | -88 | -88 | 67 | 107 | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | 4-Chloro-3-methylphenol | n/a | = | 93 | % | EPA 8270Cm | -88 | -88 | 67 | 107 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | 4-Chloro-3-methylphenol | n/a | = | 0.2 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 63.5 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 65 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 130 | % | EPA 625 | -88 | -88 | 25 | 158 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 127 | % | EPA 625 | -88 | -88 | 25 | 158 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 2 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | 4-Nitrophenol | n/a | = | 3.16 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | 4-Nitrophenol | n/a | = | 3.18 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | 4-Nitrophenol | n/a | = | 64 | % | EPA 8270Cm | -88 | -88 | 26 | 79 | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | 4-Nitrophenol | n/a | = | 63 | % | EPA 8270Cm | -88 | -88 | 26 | 79 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|----------------------|----------|------|--------|-------|------------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | 4-Nitrophenol | n/a | = | 0.6 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | Acenaphthene | n/a | = | 3.97 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | Acenaphthene | n/a | = | 3.93 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | Acenaphthene | n/a | = | 79 | % | EPA 8270Cm | -88 | -88 | 47 | 145 | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | Acenaphthene | n/a | = | 79 | % | EPA 8270Cm | -88 | -88 | 47 | 145 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | Acenaphthene | n/a | = | 1 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | Acenaphthylene | n/a | = | 4.48 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | Acenaphthylene | n/a | = | 4.44 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | Acenaphthylene | n/a | = | 89 | % | EPA 8270Cm | -88 | -88 | 33 | 145 | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | Acenaphthylene | n/a | = | 90 | % | EPA 8270Cm | -88 | -88 | 33 | 145 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | Acenaphthylene | n/a | = | 0.9 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | Anthracene | n/a | = | 5.52 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | Anthracene | n/a | = | 5.51 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | Anthracene | n/a | = | 110 | % | EPA 8270Cm | -88 | -88 | 27 | 133 | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | Anthracene | n/a | = | 110 | % | EPA 8270Cm | -88 | -88 | 27 | 133 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | Anthracene | n/a | = | 0.2 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | Benz(a)anthracene | n/a | = | 6.55 | µg/L | EPA 8270Cm | 0.28 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | Benz(a)anthracene | n/a | = | 6.66 | µg/L | EPA 8270Cm | 0.28 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | Benz(a)anthracene | n/a | = | 133 | % | EPA 8270Cm | -88 | -88 | 33 | 143 | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | Benz(a)anthracene | n/a | = | 131 | % | EPA 8270Cm | -88 | -88 | 33 | 143 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | Benz(a)anthracene | n/a | = | 2 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | | | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | Benzydine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Organic | Benzo(a)pyrene | n/a | = | 4.75 | µg/L | EPA 525.2 | 0.073 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Organic | Benzo(a)pyrene | n/a | = | 4.72 | µg/L | EPA 525.2 | 0.073 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Organic | Benzo(a)pyrene | n/a | = | 94 | % | EPA 525.2 | -88 | -88 | 29 | 153 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Organic | Benzo(a)pyrene | n/a | = | 95 | % | EPA 525.2 | -88 | -88 | 29 | 153 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Organic | Benzo(a)pyrene | n/a | = | 0.6 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Organic | Benzo(a)pyrene | n/a | = | 4.36 | µg/L | EPA 525.2 | 0.073 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Organic | Benzo(a)pyrene | n/a | = | 87 | % | EPA 525.2 | -88 | -88 | 54 | 136 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Organic | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 5.35 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 5.44 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 109 | % | EPA 8270Cm | -88 | -88 | 24 | 159 | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 107 | % | EPA 8270Cm | -88 | -88 | 24 | 159 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 2 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 6.03 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 6.44 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 129 | % | EPA 8270Cm | -88 | -88 | 0.1 | 219 | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 121 | % | EPA 8270Cm | -88 | -88 | 0.1 | 219 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 7 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 5.63 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 5.65 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 113 | % | EPA 8270Cm | -88 | -88 | 11 | 162 | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 113 | % | EPA 8270Cm | -88 | -88 | 11 | 162 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 0.4 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 42 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 43.4 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 87 | % | EPA 625 | -88 | -88 | 33 | 184 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 84 | % | EPA 625 | -88 | -88 | 33 | 184 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 3 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | Bis(2-chloroethyl)ether | n/a | = | 37.6 | µg/L | EPA 625 | 0.46 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | Bis(2-chloroethyl)ether | n/a | = | 39.9 | µg/L | EPA 625 | 0.46 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | Bis(2-chloroethyl)ether | n/a | = | 80 | % | EPA 625 | -88 | -88 | 12 | 158 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | Bis(2-chloroethyl)ether | n/a | = | 75 | % | EPA 625 | -88 | -88 | 12 | 158 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | Bis(2-chloroethyl)ether | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 40.3 | µg/L | EPA 625 | 0.48 | 2 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 42.6 | µg/L | EPA 625 | 0.48 | 2 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 85 | % | EPA 625 | -88 | -88 | 36 | 166 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 81 | % | EPA 625 | -88 | -88 | 36 | 166 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 5.06 | µg/L | EPA 525.2 | 0.23 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | DNQ | 4.8 | µg/L | EPA 525.2 | 0.23 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 28 | 147 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 101 | % | EPA 525.2 | -88 | -88 | 28 | 147 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 5 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | DNQ | 4.62 | µg/L | EPA 525.2 | 0.23 | 5 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 92 | % | EPA 525.2 | -88 | -88 | 50 | 145 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 5.59 | µg/L | EPA 525.2 | 1.1 | 3 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 5.3 | µg/L | EPA 525.2 | 1.1 | 3 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 106 | % | EPA 525.2 | -88 | -88 | 23 | 154 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 112 | % | EPA 525.2 | -88 | -88 | 23 | 154 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 5 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 5.16 | µg/L | EPA 525.2 | 1.1 | 3 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 103 | % | EPA 525.2 | -88 | -88 | 54 | 142 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 3 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | Butyl benzyl phthalate | n/a | = | 58.9 | µg/L | EPA 625 | 1 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | Butyl benzyl phthalate | n/a | = | 58.4 | µg/L | EPA 625 | 1 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | Butyl benzyl phthalate | n/a | = | 117 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | Butyl benzyl phthalate | n/a | = | 118 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | Butyl benzyl phthalate | n/a | = | 0.8 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | Chrysene | n/a | = | 4.33 | µg/L | EPA 8270Cm | 0.09 | 0.5 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|---------|------------------|---------------|----------------|-----------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | Chrysene | n/a | = | 4.3 | µg/L | EPA 8270Cm | 0.09 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | Chrysene | n/a | = | 86 | % | EPA 8270Cm | -88 | -88 | 17 | 168 | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | Chrysene | n/a | = | 87 | % | EPA 8270Cm | -88 | -88 | 17 | 168 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | Chrysene | n/a | = | 0.7 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 6.04 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 6.44 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 129 | % | EPA 8270Cm | -88 | -88 | 0.1 | 227 | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 121 | % | EPA 8270Cm | -88 | -88 | 0.1 | 227 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 6 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | Diethyl phthalate | n/a | = | 57.5 | µg/L | EPA 625 | 0.23 | 2 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | Diethyl phthalate | n/a | = | 59.7 | µg/L | EPA 625 | 0.23 | 2 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | Diethyl phthalate | n/a | = | 11 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | Diethyl phthalate | n/a | = | 115 | % | EPA 625 | -88 | -88 | 0.1 | 112 | EUM |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | Diethyl phthalate | n/a | = | 4 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | Dimethyl phthalate | n/a | = | 39.4 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | Dimethyl phthalate | n/a | = | 40.5 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | Dimethyl phthalate | n/a | = | 81 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | Dimethyl phthalate | n/a | = | 79 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | Dimethyl phthalate | n/a | = | 3 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | Di-n-butylphthalate | n/a | = | 77 | µg/L | EPA 625 | 0.53 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | Di-n-butylphthalate | n/a | = | 78.5 | µg/L | EPA 625 | 0.53 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | Di-n-butylphthalate | n/a | = | 15 | % | EPA 625 | -88 | -88 | 1 | 118 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | Di-n-butylphthalate | n/a | = | 154 | % | EPA 625 | -88 | -88 | 1 | 118 | EUM |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | Di-n-butylphthalate | n/a | = | 2 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | Di-n-butylphthalate | n/a | DNQ | 0.59 | µg/L | EPA 625 | 0.53 | 5 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | Di-n-octylphthalate | n/a | = | 45.9 | µg/L | EPA 625 | 0.28 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | Di-n-octylphthalate | n/a | = | 46.7 | µg/L | EPA 625 | 0.28 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | Di-n-octylphthalate | n/a | = | 93 | % | EPA 625 | -88 | -88 | 6 | 146 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | Di-n-octylphthalate | n/a | = | 92 | % | EPA 625 | -88 | -88 | 6 | 146 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | Di-n-octylphthalate | n/a | = | 2 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | Fluoranthene | n/a | = | 4.78 | µg/L | EPA 8270Cm | 0.2 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | Fluoranthene | n/a | = | 4.79 | µg/L | EPA 8270Cm | 0.2 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | Fluoranthene | n/a | = | 96 | % | EPA 8270Cm | -88 | -88 | 26 | 137 | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | Fluoranthene | n/a | = | 96 | % | EPA 8270Cm | -88 | -88 | 26 | 137 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | Fluoranthene | n/a | = | 0.2 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | Fluorene | n/a | = | 4.16 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | Fluorene | n/a | = | 4.13 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | Fluorene | n/a | = | 83 | % | EPA 8270Cm | -88 | -88 | 59 | 121 | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | Fluorene | n/a | = | 83 | % | EPA 8270Cm | -88 | -88 | 59 | 121 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | Fluorene | n/a | = | 0.7 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|---------|------------------|---------------|----------------|--------------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | Hexachlorobenzene | n/a | = | 54.6 | µg/L | EPA 625 | 0.15 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | Hexachlorobenzene | n/a | = | 54.8 | µg/L | EPA 625 | 0.15 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | Hexachlorobenzene | n/a | = | 110 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | Hexachlorobenzene | n/a | = | 109 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | Hexachlorobenzene | n/a | = | 0.3 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | Hexachlorobutadiene | n/a | = | 39.5 | µg/L | EPA 625 | 0.41 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | Hexachlorobutadiene | n/a | = | 39.2 | µg/L | EPA 625 | 0.41 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | Hexachlorobutadiene | n/a | = | 78 | % | EPA 625 | -88 | -88 | 24 | 116 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | Hexachlorobutadiene | n/a | = | 79 | % | EPA 625 | -88 | -88 | 24 | 116 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | Hexachlorobutadiene | n/a | = | 0.6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 14.5 | µg/L | EPA 625 | 5 | 10 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 15.1 | µg/L | EPA 625 | 5 | 10 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 30 | % | EPA 625 | -88 | -88 | 0.1 | 136 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 29 | % | EPA 625 | -88 | -88 | 0.1 | 136 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 4 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | Hexachloroethane | n/a | = | 39.8 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | Hexachloroethane | n/a | = | 41.8 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | Hexachloroethane | n/a | = | 84 | % | EPA 625 | -88 | -88 | 40 | 113 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | Hexachloroethane | n/a | = | 80 | % | EPA 625 | -88 | -88 | 40 | 113 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | Hexachloroethane | n/a | = | 5 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 6.16 | µg/L | EPA 8270Cm | 0.1 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 6.56 | µg/L | EPA 8270Cm | 0.1 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 131 | % | EPA 8270Cm | -88 | -88 | 0.1 | 171 | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 123 | % | EPA 8270Cm | -88 | -88 | 0.1 | 171 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 6 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | Isophorone | n/a | = | 41.6 | µg/L | EPA 625 | 0.33 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | Isophorone | n/a | = | 43.3 | µg/L | EPA 625 | 0.33 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | Isophorone | n/a | = | 87 | % | EPA 625 | -88 | -88 | 21 | 196 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | Isophorone | n/a | = | 83 | % | EPA 625 | -88 | -88 | 21 | 196 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | Isophorone | n/a | = | 4 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | | | X |
| 2009/10-3A | Lab | LCS | 2/22/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 6.35 | µg/L | EPA 524.2 | 1.1 | 3 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/22/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 6.37 | µg/L | EPA 524.2 | 1.1 | 3 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/22/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 106 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | LCS, rec | 2/22/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 106 | % | EPA 524.2 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/22/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 0.3 | % | EPA 524.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/22/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | Naphthalene | n/a | = | 3.67 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | Naphthalene | n/a | = | 3.7 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | Naphthalene | n/a | = | 74 | % | EPA 8270Cm | -88 | -88 | 21 | 133 | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | Naphthalene | n/a | = | 73 | % | EPA 8270Cm | -88 | -88 | 21 | 133 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | Naphthalene | n/a | = | 0.8 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|---------|----------------------------|---------------|----------------|---------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | Nitrobenzene | n/a | = | 42.3 | µg/L | EPA 625 | 0.37 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | Nitrobenzene | n/a | = | 44.2 | µg/L | EPA 625 | 0.37 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | Nitrobenzene | n/a | = | 88 | % | EPA 625 | -88 | -88 | 35 | 180 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | Nitrobenzene | n/a | = | 85 | % | EPA 625 | -88 | -88 | 35 | 180 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | Nitrobenzene | n/a | = | 4 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | | | X |
| 2009/10-3A | Lab | srgt LCS | 2/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 43.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup | 2/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 44.9 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup, rec | 2/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 90 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-3A | Lab | srgt LCS, rec | 2/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 87 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-3A | Lab | srgt method blank | 2/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 42.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 2/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 84 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-3A | Lab | srgt LCS | 2/26/2010 | Organic | Nitrobenzene-d5 | n/a | = | 8.73 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup | 2/26/2010 | Organic | Nitrobenzene-d5 | n/a | = | 8.48 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup, rec | 2/26/2010 | Organic | Nitrobenzene-d5 | n/a | = | 85 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-3A | Lab | srgt LCS, rec | 2/26/2010 | Organic | Nitrobenzene-d5 | n/a | = | 87 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-3A | Lab | srgt method blank | 2/26/2010 | Organic | Nitrobenzene-d5 | n/a | = | 7.75 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 2/26/2010 | Organic | Nitrobenzene-d5 | n/a | = | 78 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-3A | ME-SCR | srgt environ | 2/26/2010 | Organic | Nitrobenzene-d5 | n/a | = | 46.4 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt environ | 2/26/2010 | Organic | Nitrobenzene-d5 | n/a | = | 8.13 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt environ, rec | 2/26/2010 | Organic | Nitrobenzene-d5 | n/a | = | 81 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-3A | ME-SCR | srgt environ, rec | 2/26/2010 | Organic | Nitrobenzene-d5 | n/a | = | 93 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 32.4 | µg/L | EPA 625 | 0.36 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 33.9 | µg/L | EPA 625 | 0.36 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 68 | % | EPA 625 | -88 | -88 | 27 | 78 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 65 | % | EPA 625 | -88 | -88 | 27 | 78 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 4 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 46.8 | µg/L | EPA 625 | 0.41 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 48.4 | µg/L | EPA 625 | 0.41 | 5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 97 | % | EPA 625 | -88 | -88 | 0.1 | 230 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 94 | % | EPA 625 | -88 | -88 | 0.1 | 230 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 3 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | | | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 52.1 | µg/L | EPA 625 | 0.23 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/25/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 52.8 | µg/L | EPA 625 | 0.23 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/25/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 106 | % | EPA 625 | -88 | -88 | 48 | 129 | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 104 | % | EPA 625 | -88 | -88 | 48 | 129 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/25/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 1 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Organic | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | | | X |
| 2009/10-3A | Lab | srgt LCS | 3/3/2010 | Organic | Perylene-d12 | n/a | = | 4.97 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS, rec | 3/3/2010 | Organic | Perylene-d12 | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-3A | Lab | srgt matrix spike | 3/3/2010 | Organic | Perylene-d12 | n/a | = | 4.95 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt matrix spike dup | 3/3/2010 | Organic | Perylene-d12 | n/a | = | 4.81 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt matrix spike dup, rec | 3/3/2010 | Organic | Perylene-d12 | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-3A | Lab | srgt matrix spike, rec | 3/3/2010 | Organic | Perylene-d12 | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|---------|------------------------|---------------|----------------|-----------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | srgt method blank | 3/3/2010 | Organic | Perylene-d12 | n/a | = | 4.81 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 3/3/2010 | Organic | Perylene-d12 | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-3A | ME-SCR | srgt environ | 3/3/2010 | Organic | Perylene-d12 | n/a | = | 4.11 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt environ, rec | 3/3/2010 | Organic | Perylene-d12 | n/a | = | 82 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | Phenanthrene | n/a | = | 4.55 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | Phenanthrene | n/a | = | 4.54 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | Phenanthrene | n/a | = | 91 | % | EPA 8270Cm | -88 | -88 | 54 | 120 | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | Phenanthrene | n/a | = | 91 | % | EPA 8270Cm | -88 | -88 | 54 | 120 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | Phenanthrene | n/a | = | 0.2 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | Phenol | n/a | = | 1.48 | µg/L | EPA 8270Cm | 0.35 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | Phenol | n/a | = | 1.54 | µg/L | EPA 8270Cm | 0.35 | 1 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | Phenol | n/a | = | 32 | % | EPA 8270Cm | -88 | -88 | 36 | 65 | EUM |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | Phenol | n/a | = | 30 | % | EPA 8270Cm | -88 | -88 | 36 | 65 | EUM |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | Phenol | n/a | = | 4 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | Phenol | n/a | < | 0.35 | µg/L | EPA 8270Cm | 0.35 | 1 | | | X |
| 2009/10-3A | Lab | srgt LCS | 2/25/2010 | Organic | Phenol-d5 | n/a | = | 33.2 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup | 2/25/2010 | Organic | Phenol-d5 | n/a | = | 33.9 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup, rec | 2/25/2010 | Organic | Phenol-d5 | n/a | = | 34 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-3A | Lab | srgt LCS, rec | 2/25/2010 | Organic | Phenol-d5 | n/a | = | 33 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-3A | Lab | srgt method blank | 2/25/2010 | Organic | Phenol-d5 | n/a | = | 32.8 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 2/25/2010 | Organic | Phenol-d5 | n/a | = | 33 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-3A | Lab | srgt LCS | 2/26/2010 | Organic | Phenol-d5 | n/a | = | 5.41 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup | 2/26/2010 | Organic | Phenol-d5 | n/a | = | 5.5 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup, rec | 2/26/2010 | Organic | Phenol-d5 | n/a | = | 28 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-3A | Lab | srgt LCS, rec | 2/26/2010 | Organic | Phenol-d5 | n/a | = | 27 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-3A | Lab | srgt method blank | 2/26/2010 | Organic | Phenol-d5 | n/a | = | 4.87 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 2/26/2010 | Organic | Phenol-d5 | n/a | = | 24 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-3A | ME-SCR | srgt environ | 2/26/2010 | Organic | Phenol-d5 | n/a | = | 35.8 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt environ | 2/26/2010 | Organic | Phenol-d5 | n/a | = | 5.15 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt environ, rec | 2/26/2010 | Organic | Phenol-d5 | n/a | = | 26 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-3A | ME-SCR | srgt environ, rec | 2/26/2010 | Organic | Phenol-d5 | n/a | = | 36 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-3A | Lab | srgt LCS | 2/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 106 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup | 2/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 107 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup, rec | 2/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 215 | % | EPA 625 | -88 | -88 | 6 | 145 | GN |
| 2009/10-3A | Lab | srgt LCS, rec | 2/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 212 | % | EPA 625 | -88 | -88 | 6 | 145 | GN |
| 2009/10-3A | Lab | srgt method blank | 2/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 103 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 2/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 206 | % | EPA 625 | -88 | -88 | 6 | 145 | GN |
| 2009/10-3A | Lab | srgt LCS | 2/26/2010 | Organic | p-Terphenyl-d14 | n/a | = | 20.6 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup | 2/26/2010 | Organic | p-Terphenyl-d14 | n/a | = | 19.9 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup, rec | 2/26/2010 | Organic | p-Terphenyl-d14 | n/a | = | 199 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | GN |
| 2009/10-3A | Lab | srgt LCS, rec | 2/26/2010 | Organic | p-Terphenyl-d14 | n/a | = | 206 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | GN |
| 2009/10-3A | Lab | srgt method blank | 2/26/2010 | Organic | p-Terphenyl-d14 | n/a | = | 20.7 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 2/26/2010 | Organic | p-Terphenyl-d14 | n/a | = | 207 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | GN |
| 2009/10-3A | ME-SCR | srgt environ | 2/26/2010 | Organic | p-Terphenyl-d14 | n/a | = | 108 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt environ | 2/26/2010 | Organic | p-Terphenyl-d14 | n/a | = | 21.5 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt environ, rec | 2/26/2010 | Organic | p-Terphenyl-d14 | n/a | = | 217 | % | EPA 625 | -88 | -88 | 6 | 145 | GN |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|---------|----------------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | ME-SCR | srgt environ, rec | 2/26/2010 | Organic | p-Terphenyl-d14 | n/a | = | 215 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | GN |
| 2009/10-3A | Lab | LCS | 2/26/2010 | Organic | Pyrene | n/a | = | 4.83 | µg/L | EPA 8270Cm | 0.21 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup | 2/26/2010 | Organic | Pyrene | n/a | = | 4.85 | µg/L | EPA 8270Cm | 0.21 | 0.5 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 2/26/2010 | Organic | Pyrene | n/a | = | 97 | % | EPA 8270Cm | -88 | -88 | 52 | 115 | X |
| 2009/10-3A | Lab | LCS, rec | 2/26/2010 | Organic | Pyrene | n/a | = | 97 | % | EPA 8270Cm | -88 | -88 | 52 | 115 | X |
| 2009/10-3A | Lab | LCS, RPD | 2/26/2010 | Organic | Pyrene | n/a | = | 0.4 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 2/26/2010 | Organic | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | | | X |
| 2009/10-3A | Lab | srgt LCS | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.417 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.398 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup, rec | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 80 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-3A | Lab | srgt LCS, rec | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 83 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-3A | Lab | srgt method blank | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.341 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 68 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-3A | ME-SCR | srgt environ | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0837 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt environ, rec | 3/4/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 84 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-3A | Lab | srgt LCS | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 5.01 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS, rec | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3A | Lab | srgt matrix spike | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 5.03 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt matrix spike dup | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 4.93 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt matrix spike dup, rec | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3A | Lab | srgt matrix spike, rec | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 101 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3A | Lab | srgt method blank | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 4.73 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 95 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3A | Lab | srgt LCS | 3/10/2010 | Organic | Triphenylphosphate | n/a | = | 0.546 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup | 3/10/2010 | Organic | Triphenylphosphate | n/a | = | 0.628 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup, rec | 3/10/2010 | Organic | Triphenylphosphate | n/a | = | 126 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3A | Lab | srgt LCS, rec | 3/10/2010 | Organic | Triphenylphosphate | n/a | = | 109 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3A | Lab | srgt method blank | 3/10/2010 | Organic | Triphenylphosphate | n/a | = | 0.545 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 3/10/2010 | Organic | Triphenylphosphate | n/a | = | 109 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3A | ME-SCR | srgt environ | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 4.98 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt environ, rec | 3/3/2010 | Organic | Triphenylphosphate | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3A | ME-SCR | srgt environ | 3/10/2010 | Organic | Triphenylphosphate | n/a | = | 0.61 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt environ, rec | 3/10/2010 | Organic | Triphenylphosphate | n/a | = | 122 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-3A | Lab | srgt LCS | 3/4/2010 | PCB | PCB 209 | n/a | = | 0.431 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup | 3/4/2010 | PCB | PCB 209 | n/a | = | 0.443 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt LCS dup, rec | 3/4/2010 | PCB | PCB 209 | n/a | = | 89 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-3A | Lab | srgt LCS, rec | 3/4/2010 | PCB | PCB 209 | n/a | = | 86 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-3A | Lab | srgt method blank | 3/4/2010 | PCB | PCB 209 | n/a | = | 0.386 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3A | Lab | srgt method blank, rec | 3/4/2010 | PCB | PCB 209 | n/a | = | 77 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-3A | ME-SCR | srgt environ | 3/4/2010 | PCB | PCB 209 | n/a | = | 0.0544 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-3A | ME-SCR | srgt environ, rec | 3/4/2010 | PCB | PCB 209 | n/a | = | 54 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | PCB | PCB Aroclor 1016 | n/a | < | 0.25 | µg/L | EPA 608 | 0.25 | 2.5 | | | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | PCB | PCB Aroclor 1221 | n/a | < | 0.3 | µg/L | EPA 608 | 0.3 | 2.5 | | | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | PCB | PCB Aroclor 1232 | n/a | < | 0.75 | µg/L | EPA 608 | 0.75 | 2.5 | | | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | PCB | PCB Aroclor 1242 | n/a | < | 0.35 | µg/L | EPA 608 | 0.35 | 2.5 | | | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | PCB | PCB Aroclor 1248 | n/a | < | 0.3 | µg/L | EPA 608 | 0.3 | 2.5 | | | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | PCB | PCB Aroclor 1254 | n/a | < | 0.2 | µg/L | EPA 608 | 0.2 | 2.5 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|---------|-----------------------|---------------|----------------|--------------------------|----------|------|--------|-------|-----------|-------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | method blank | 3/4/2010 | PCB | PCB Aroclor 1260 | n/a | < | 0.2 | µg/L | EPA 608 | 0.2 | 2.5 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | 2,4,5-T | n/a | = | 1.45 | µg/L | EPA 515.3 | 0.05 | 0.2 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | 2,4,5-T | n/a | = | 73 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | | | X |
| 2009/10-3A | ME-SCR | matrix spike | 3/4/2010 | Pesticide | 2,4,5-T | n/a | = | 1.62 | µg/L | EPA 515.3 | 0.05 | 0.2 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup | 3/4/2010 | Pesticide | 2,4,5-T | n/a | = | 1.54 | µg/L | EPA 515.3 | 0.05 | 0.2 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup, rec | 3/4/2010 | Pesticide | 2,4,5-T | n/a | = | 77 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, rec | 3/4/2010 | Pesticide | 2,4,5-T | n/a | = | 81 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, RPD | 3/4/2010 | Pesticide | 2,4,5-T | n/a | = | 5 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | 2,4,5-TP | n/a | = | 1.51 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | 2,4,5-TP | n/a | = | 76 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-3A | ME-SCR | matrix spike | 3/4/2010 | Pesticide | 2,4,5-TP | n/a | = | 1.61 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup | 3/4/2010 | Pesticide | 2,4,5-TP | n/a | = | 1.77 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup, rec | 3/4/2010 | Pesticide | 2,4,5-TP | n/a | = | 89 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, rec | 3/4/2010 | Pesticide | 2,4,5-TP | n/a | = | 80 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, RPD | 3/4/2010 | Pesticide | 2,4,5-TP | n/a | = | 10 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | 2,4-D | n/a | = | 1.4 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | 2,4-D | n/a | = | 70 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3A | ME-SCR | matrix spike | 3/4/2010 | Pesticide | 2,4-D | n/a | = | 1.52 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup | 3/4/2010 | Pesticide | 2,4-D | n/a | = | 1.5 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup, rec | 3/4/2010 | Pesticide | 2,4-D | n/a | = | 75 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, rec | 3/4/2010 | Pesticide | 2,4-D | n/a | = | 76 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, RPD | 3/4/2010 | Pesticide | 2,4-D | n/a | = | 2 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | 2,4-DB | n/a | = | 1.62 | µg/L | EPA 515.3 | 0.42 | 1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | 2,4-DB | n/a | = | 81 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | | | X |
| 2009/10-3A | ME-SCR | matrix spike | 3/4/2010 | Pesticide | 2,4-DB | n/a | = | 2.26 | µg/L | EPA 515.3 | 0.42 | 2 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup | 3/4/2010 | Pesticide | 2,4-DB | n/a | = | 2.3 | µg/L | EPA 515.3 | 0.42 | 2 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup, rec | 3/4/2010 | Pesticide | 2,4-DB | n/a | = | 115 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, rec | 3/4/2010 | Pesticide | 2,4-DB | n/a | = | 113 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, RPD | 3/4/2010 | Pesticide | 2,4-DB | n/a | = | 2 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | 2,4'-DDD | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.05 | | | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | 2,4'-DDE | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.05 | | | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | 2,4'-DDT | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 2.32 | µg/L | EPA 515.3 | 0.08 | 1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 116 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | | | X |
| 2009/10-3A | ME-SCR | matrix spike | 3/4/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 1.62 | µg/L | EPA 515.3 | 0.08 | 1 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup | 3/4/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 1.57 | µg/L | EPA 515.3 | 0.08 | 1 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup, rec | 3/4/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 78 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, rec | 3/4/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 81 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, RPD | 3/4/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 3 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | 4,4'-DDD | n/a | = | 0.408 | µg/L | EPA 608 | 0.015 | 0.25 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/4/2010 | Pesticide | 4,4'-DDD | n/a | = | 0.393 | µg/L | EPA 608 | 0.015 | 0.25 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/4/2010 | Pesticide | 4,4'-DDD | n/a | = | 79 | % | EPA 608 | -88 | -88 | 30 | 141 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|-----------------|----------|------|--------|-------|-----------|--------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | 4,4'-DDD | n/a | = | 82 | % | EPA 608 | -88 | -88 | 30 | 141 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/4/2010 | Pesticide | 4,4'-DDD | n/a | = | 4 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | 4,4'-DDD | n/a | < | 0.015 | µg/L | EPA 608 | 0.015 | 0.25 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | 4,4'-DDE | n/a | = | 0.392 | µg/L | EPA 608 | 0.012 | 0.25 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/4/2010 | Pesticide | 4,4'-DDE | n/a | = | 0.398 | µg/L | EPA 608 | 0.012 | 0.25 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/4/2010 | Pesticide | 4,4'-DDE | n/a | = | 80 | % | EPA 608 | -88 | -88 | 30 | 145 | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | 4,4'-DDE | n/a | = | 78 | % | EPA 608 | -88 | -88 | 30 | 145 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/4/2010 | Pesticide | 4,4'-DDE | n/a | = | 1 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | 4,4'-DDE | n/a | < | 0.012 | µg/L | EPA 608 | 0.012 | 0.25 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | 4,4'-DDT | n/a | = | 0.43 | µg/L | EPA 608 | 0.016 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/4/2010 | Pesticide | 4,4'-DDT | n/a | = | 0.423 | µg/L | EPA 608 | 0.016 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/4/2010 | Pesticide | 4,4'-DDT | n/a | = | 85 | % | EPA 608 | -88 | -88 | 25 | 160 | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | 4,4'-DDT | n/a | = | 86 | % | EPA 608 | -88 | -88 | 25 | 160 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/4/2010 | Pesticide | 4,4'-DDT | n/a | = | 1 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | 4,4'-DDT | n/a | < | 0.016 | µg/L | EPA 608 | 0.016 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | Acifluorfen | n/a | = | 2.12 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | Acifluorfen | n/a | = | 106 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3A | ME-SCR | matrix spike | 3/4/2010 | Pesticide | Acifluorfen | n/a | = | 2.25 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup | 3/4/2010 | Pesticide | Acifluorfen | n/a | = | 2.16 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup, rec | 3/4/2010 | Pesticide | Acifluorfen | n/a | = | 108 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, rec | 3/4/2010 | Pesticide | Acifluorfen | n/a | = | 112 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, RPD | 3/4/2010 | Pesticide | Acifluorfen | n/a | = | 4 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Pesticide | Alachlor | n/a | = | 4.45 | µg/L | EPA 525.2 | 0.07 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Pesticide | Alachlor | n/a | = | 4.42 | µg/L | EPA 525.2 | 0.07 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Pesticide | Alachlor | n/a | = | 88 | % | EPA 525.2 | -88 | -88 | 58 | 177 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Pesticide | Alachlor | n/a | = | 89 | % | EPA 525.2 | -88 | -88 | 58 | 177 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Pesticide | Alachlor | n/a | = | 0.7 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Pesticide | Alachlor | n/a | = | 4.64 | µg/L | EPA 525.2 | 0.07 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Pesticide | Alachlor | n/a | = | 93 | % | EPA 525.2 | -88 | -88 | 58 | 164 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Pesticide | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | Aldrin | n/a | = | 0.419 | µg/L | EPA 608 | 0.0075 | 0.025 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/4/2010 | Pesticide | Aldrin | n/a | = | 0.421 | µg/L | EPA 608 | 0.0075 | 0.025 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/4/2010 | Pesticide | Aldrin | n/a | = | 84 | % | EPA 608 | -88 | -88 | 42 | 122 | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | Aldrin | n/a | = | 84 | % | EPA 608 | -88 | -88 | 42 | 122 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/4/2010 | Pesticide | Aldrin | n/a | = | 0.5 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | Aldrin | n/a | < | 0.0075 | µg/L | EPA 608 | 0.0075 | 0.025 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | alpha-BHC | n/a | = | 0.384 | µg/L | EPA 608 | 0.009 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/4/2010 | Pesticide | alpha-BHC | n/a | = | 0.382 | µg/L | EPA 608 | 0.009 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/4/2010 | Pesticide | alpha-BHC | n/a | = | 76 | % | EPA 608 | -88 | -88 | 37 | 134 | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | alpha-BHC | n/a | = | 77 | % | EPA 608 | -88 | -88 | 37 | 134 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/4/2010 | Pesticide | alpha-BHC | n/a | = | 0.5 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | alpha-BHC | n/a | < | 0.009 | µg/L | EPA 608 | 0.009 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | alpha-Chlordane | n/a | = | 0.414 | µg/L | EPA 608 | 0.0065 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/4/2010 | Pesticide | alpha-Chlordane | n/a | = | 0.42 | µg/L | EPA 608 | 0.0065 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/4/2010 | Pesticide | alpha-Chlordane | n/a | = | 84 | % | EPA 608 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | alpha-Chlordane | n/a | = | 83 | % | EPA 608 | -88 | -88 | 70 | 130 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|-----------------|----------|------|--------|-------|-----------|--------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | LCS, RPD | 3/4/2010 | Pesticide | alpha-Chlordane | n/a | = | 1 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | alpha-Chlordane | n/a | < | 0.0065 | µg/L | EPA 608 | 0.0065 | 0.05 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Pesticide | Atrazine | n/a | = | 5.34 | µg/L | EPA 525.2 | 0.047 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Pesticide | Atrazine | n/a | = | 5.59 | µg/L | EPA 525.2 | 0.047 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Pesticide | Atrazine | n/a | = | 112 | % | EPA 525.2 | -88 | -88 | 53 | 142 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Pesticide | Atrazine | n/a | = | 107 | % | EPA 525.2 | -88 | -88 | 53 | 142 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Pesticide | Atrazine | n/a | = | 5 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Pesticide | Atrazine | n/a | = | 5.34 | µg/L | EPA 525.2 | 0.047 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Pesticide | Atrazine | n/a | = | 107 | % | EPA 525.2 | -88 | -88 | 68 | 133 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Pesticide | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Azinphos methyl | n/a | = | 0.118 | µg/L | EPA 525.2 | 0.0055 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Azinphos methyl | n/a | = | 0.0812 | µg/L | EPA 525.2 | 0.0055 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Azinphos methyl | n/a | = | 162 | % | EPA 525.2 | -88 | -88 | 53 | 303 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Azinphos methyl | n/a | = | 237 | % | EPA 525.2 | -88 | -88 | 53 | 303 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Azinphos methyl | n/a | = | 37 | % | EPA 525.2 | -88 | -88 | 0 | 25 | IL |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Azinphos methyl | n/a | < | 0.0055 | µg/L | EPA 525.2 | 0.0055 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | Bentazon | n/a | = | 1.64 | µg/L | EPA 515.3 | 0.23 | 1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | Bentazon | n/a | = | 82 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | | | X |
| 2009/10-3A | ME-SCR | matrix spike | 3/4/2010 | Pesticide | Bentazon | n/a | = | 8.62 | µg/L | EPA 515.3 | 0.23 | 2 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup | 3/4/2010 | Pesticide | Bentazon | n/a | = | 10.5 | µg/L | EPA 515.3 | 0.23 | 2 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup, rec | 3/4/2010 | Pesticide | Bentazon | n/a | = | 524 | % | EPA 515.3 | -88 | -88 | 70 | 130 | GB |
| 2009/10-3A | ME-SCR | matrix spike, rec | 3/4/2010 | Pesticide | Bentazon | n/a | = | 431 | % | EPA 515.3 | -88 | -88 | 70 | 130 | GB |
| 2009/10-3A | ME-SCR | matrix spike, RPD | 3/4/2010 | Pesticide | Bentazon | n/a | = | 20 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | beta-BHC | n/a | = | 0.401 | µg/L | EPA 608 | 0.016 | 0.025 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/4/2010 | Pesticide | beta-BHC | n/a | = | 0.408 | µg/L | EPA 608 | 0.016 | 0.025 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/4/2010 | Pesticide | beta-BHC | n/a | = | 82 | % | EPA 608 | -88 | -88 | 14 | 147 | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | beta-BHC | n/a | = | 80 | % | EPA 608 | -88 | -88 | 14 | 147 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/4/2010 | Pesticide | beta-BHC | n/a | = | 2 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | beta-BHC | n/a | < | 0.016 | µg/L | EPA 608 | 0.016 | 0.025 | | | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Bolstar | n/a | = | 0.0415 | µg/L | EPA 525.2 | 0.0046 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Bolstar | n/a | = | 0.037 | µg/L | EPA 525.2 | 0.0046 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Bolstar | n/a | = | 74 | % | EPA 525.2 | -88 | -88 | 70 | 214 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Bolstar | n/a | = | 83 | % | EPA 525.2 | -88 | -88 | 70 | 214 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Bolstar | n/a | = | 11 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Bolstar | n/a | < | 0.0046 | µg/L | EPA 525.2 | 0.0046 | 0.01 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Pesticide | Bromacil | n/a | = | 4.51 | µg/L | EPA 525.2 | 0.9 | 1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Pesticide | Bromacil | n/a | = | 4.95 | µg/L | EPA 525.2 | 0.9 | 1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Pesticide | Bromacil | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 71 | 182 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Pesticide | Bromacil | n/a | = | 90 | % | EPA 525.2 | -88 | -88 | 71 | 182 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Pesticide | Bromacil | n/a | = | 9 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Pesticide | Bromacil | n/a | = | 4.78 | µg/L | EPA 525.2 | 0.9 | 1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Pesticide | Bromacil | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 43 | 177 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Pesticide | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Pesticide | Butachlor | n/a | = | 4.64 | µg/L | EPA 525.2 | 0.1 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Pesticide | Butachlor | n/a | = | 4.63 | µg/L | EPA 525.2 | 0.1 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Pesticide | Butachlor | n/a | = | 93 | % | EPA 525.2 | -88 | -88 | 67 | 181 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|-----------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Pesticide | Butachlor | n/a | = | 93 | % | EPA 525.2 | -88 | -88 | 67 | 181 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Pesticide | Butachlor | n/a | = | 0.2 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Pesticide | Butachlor | n/a | = | 5.04 | µg/L | EPA 525.2 | 0.1 | 0.2 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Pesticide | Butachlor | n/a | = | 101 | % | EPA 525.2 | -88 | -88 | 55 | 178 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Pesticide | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Pesticide | Captan | n/a | = | 6.03 | µg/L | EPA 525.2 | 0.86 | 1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Pesticide | Captan | n/a | = | 6.27 | µg/L | EPA 525.2 | 0.86 | 1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Pesticide | Captan | n/a | = | 125 | % | EPA 525.2 | -88 | -88 | 45 | 182 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Pesticide | Captan | n/a | = | 121 | % | EPA 525.2 | -88 | -88 | 45 | 182 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Pesticide | Captan | n/a | = | 4 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Pesticide | Captan | n/a | = | 6.04 | µg/L | EPA 525.2 | 0.86 | 1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Pesticide | Captan | n/a | = | 121 | % | EPA 525.2 | -88 | -88 | 20 | 215 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Pesticide | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | | | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | Chlordane (technical) | n/a | < | 0.4 | µg/L | EPA 608 | 0.4 | 0.5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Pesticide | Chloroprotham | n/a | = | 5.63 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Pesticide | Chloroprotham | n/a | = | 5.7 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Pesticide | Chloroprotham | n/a | = | 114 | % | EPA 525.2 | -88 | -88 | 76 | 137 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Pesticide | Chloroprotham | n/a | = | 113 | % | EPA 525.2 | -88 | -88 | 76 | 137 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Pesticide | Chloroprotham | n/a | = | 1 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Pesticide | Chloroprotham | n/a | = | 5.43 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Pesticide | Chloroprotham | n/a | = | 109 | % | EPA 525.2 | -88 | -88 | 74 | 133 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Pesticide | Chloroprotham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Chlorpyrifos | n/a | = | 0.0411 | µg/L | EPA 525.2 | 0.0069 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Chlorpyrifos | n/a | = | 0.0459 | µg/L | EPA 525.2 | 0.0069 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Chlorpyrifos | n/a | = | 92 | % | EPA 525.2 | -88 | -88 | 70 | 131 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Chlorpyrifos | n/a | = | 82 | % | EPA 525.2 | -88 | -88 | 70 | 131 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Chlorpyrifos | n/a | = | 11 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Chlorpyrifos | n/a | < | 0.0069 | µg/L | EPA 525.2 | 0.0069 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Coumaphos | n/a | = | 0.0682 | µg/L | EPA 525.2 | 0.0051 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Coumaphos | n/a | = | 0.0604 | µg/L | EPA 525.2 | 0.0051 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Coumaphos | n/a | = | 121 | % | EPA 525.2 | -88 | -88 | 70 | 271 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Coumaphos | n/a | = | 136 | % | EPA 525.2 | -88 | -88 | 70 | 271 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Coumaphos | n/a | = | 12 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Coumaphos | n/a | < | 0.0051 | µg/L | EPA 525.2 | 0.0051 | 0.01 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Pesticide | Cyanazine | n/a | = | 5 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Pesticide | Cyanazine | n/a | = | 5.15 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Pesticide | Cyanazine | n/a | = | 103 | % | EPA 525.2 | -88 | -88 | 26 | 145 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Pesticide | Cyanazine | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 26 | 145 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Pesticide | Cyanazine | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Pesticide | Cyanazine | n/a | = | 5 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Pesticide | Cyanazine | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 69 | 131 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Pesticide | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | Dalapon | n/a | = | 1.92 | µg/L | EPA 515.3 | 0.04 | 0.4 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | Dalapon | n/a | = | 96 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | | | X |
| 2009/10-3A | ME-SCR | matrix spike | 3/4/2010 | Pesticide | Dalapon | n/a | = | 1.99 | µg/L | EPA 515.3 | 0.04 | 0.4 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup | 3/4/2010 | Pesticide | Dalapon | n/a | = | 1.92 | µg/L | EPA 515.3 | 0.04 | 0.4 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|---------|-----------------------|---------------|----------------|----------------|----------|------|--------|-------|-----------|--------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | ME-SCR | matrix spike dup, rec | 3/4/2010 | Pesticide | Dalapon | n/a | = | 96 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, rec | 3/4/2010 | Pesticide | Dalapon | n/a | = | 100 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, RPD | 3/4/2010 | Pesticide | Dalapon | n/a | = | 3 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | DCPA (Dacthal) | n/a | = | 1.74 | µg/L | EPA 515.3 | 0.02 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | DCPA (Dacthal) | n/a | = | 87 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | DCPA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | | | X |
| 2009/10-3A | ME-SCR | matrix spike | 3/4/2010 | Pesticide | DCPA (Dacthal) | n/a | = | 1.94 | µg/L | EPA 515.3 | 0.02 | 0.1 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup | 3/4/2010 | Pesticide | DCPA (Dacthal) | n/a | = | 1.89 | µg/L | EPA 515.3 | 0.02 | 0.1 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup, rec | 3/4/2010 | Pesticide | DCPA (Dacthal) | n/a | = | 94 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, rec | 3/4/2010 | Pesticide | DCPA (Dacthal) | n/a | = | 97 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, RPD | 3/4/2010 | Pesticide | DCPA (Dacthal) | n/a | = | 3 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | delta-BHC | n/a | = | 0.392 | µg/L | EPA 608 | 0.012 | 0.025 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/4/2010 | Pesticide | delta-BHC | n/a | = | 0.397 | µg/L | EPA 608 | 0.012 | 0.025 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/4/2010 | Pesticide | delta-BHC | n/a | = | 79 | % | EPA 608 | -88 | -88 | 19 | 140 | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | delta-BHC | n/a | = | 78 | % | EPA 608 | -88 | -88 | 19 | 140 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/4/2010 | Pesticide | delta-BHC | n/a | = | 1 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | delta-BHC | n/a | < | 0.012 | µg/L | EPA 608 | 0.012 | 0.025 | | | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Demeton-O | n/a | = | 0.0431 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Demeton-O | n/a | = | 0.0476 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Demeton-O | n/a | = | 95 | % | EPA 525.2 | -88 | -88 | 37 | 295 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Demeton-O | n/a | = | 86 | % | EPA 525.2 | -88 | -88 | 37 | 295 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Demeton-O | n/a | = | 10 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Demeton-O | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Demeton-S | n/a | = | 0.0442 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Demeton-S | n/a | = | 0.0457 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Demeton-S | n/a | = | 91 | % | EPA 525.2 | -88 | -88 | 70 | 159 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Demeton-S | n/a | = | 88 | % | EPA 525.2 | -88 | -88 | 70 | 159 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Demeton-S | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Demeton-S | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Diazinon | n/a | = | 0.047 | µg/L | EPA 525.2 | 0.0052 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Diazinon | n/a | = | 0.052 | µg/L | EPA 525.2 | 0.0052 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Diazinon | n/a | = | 104 | % | EPA 525.2 | -88 | -88 | 70 | 163 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Diazinon | n/a | = | 94 | % | EPA 525.2 | -88 | -88 | 70 | 163 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Diazinon | n/a | = | 10 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Diazinon | n/a | < | 0.0052 | µg/L | EPA 525.2 | 0.0052 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | Dicamba | n/a | = | 1.45 | µg/L | EPA 515.3 | 0.08 | 0.6 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | Dicamba | n/a | = | 72 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | | | X |
| 2009/10-3A | ME-SCR | matrix spike | 3/4/2010 | Pesticide | Dicamba | n/a | = | 1.53 | µg/L | EPA 515.3 | 0.08 | 0.6 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup | 3/4/2010 | Pesticide | Dicamba | n/a | = | 1.74 | µg/L | EPA 515.3 | 0.08 | 0.6 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup, rec | 3/4/2010 | Pesticide | Dicamba | n/a | = | 87 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, rec | 3/4/2010 | Pesticide | Dicamba | n/a | = | 77 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, RPD | 3/4/2010 | Pesticide | Dicamba | n/a | = | 13 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | Dichlorprop | n/a | = | 2.19 | µg/L | EPA 515.3 | 0.06 | 0.3 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | Dichlorprop | n/a | = | 109 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | | | X |
| 2009/10-3A | ME-SCR | matrix spike | 3/4/2010 | Pesticide | Dichlorprop | n/a | = | 1.88 | µg/L | EPA 515.3 | 0.06 | 0.3 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|--------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | ME-SCR | matrix spike dup | 3/4/2010 | Pesticide | Dichlorprop | n/a | = | 1.85 | µg/L | EPA 515.3 | 0.06 | 0.3 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup, rec | 3/4/2010 | Pesticide | Dichlorprop | n/a | = | 93 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, rec | 3/4/2010 | Pesticide | Dichlorprop | n/a | = | 94 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, RPD | 3/4/2010 | Pesticide | Dichlorprop | n/a | = | 2 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Dichlorvos | n/a | = | 0.0517 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Dichlorvos | n/a | = | 0.0553 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Dichlorvos | n/a | = | 111 | % | EPA 525.2 | -88 | -88 | 70 | 161 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Dichlorvos | n/a | = | 103 | % | EPA 525.2 | -88 | -88 | 70 | 161 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Dichlorvos | n/a | = | 7 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Dichlorvos | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | Dieldrin | n/a | = | 0.429 | µg/L | EPA 608 | 0.01 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/4/2010 | Pesticide | Dieldrin | n/a | = | 0.43 | µg/L | EPA 608 | 0.01 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/4/2010 | Pesticide | Dieldrin | n/a | = | 86 | % | EPA 608 | -88 | -88 | 36 | 146 | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | Dieldrin | n/a | = | 86 | % | EPA 608 | -88 | -88 | 36 | 146 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/4/2010 | Pesticide | Dieldrin | n/a | = | 0.4 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | Dieldrin | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Dimethoate | n/a | = | 0.0545 | µg/L | EPA 525.2 | 0.0062 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Dimethoate | n/a | = | 0.0532 | µg/L | EPA 525.2 | 0.0062 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Dimethoate | n/a | = | 106 | % | EPA 525.2 | -88 | -88 | 70 | 352 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Dimethoate | n/a | = | 109 | % | EPA 525.2 | -88 | -88 | 70 | 352 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Dimethoate | n/a | = | 2 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Dimethoate | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | Dinoseb | n/a | = | 1.66 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | Dinoseb | n/a | = | 83 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3A | ME-SCR | matrix spike | 3/4/2010 | Pesticide | Dinoseb | n/a | = | 1.8 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup | 3/4/2010 | Pesticide | Dinoseb | n/a | = | 1.74 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup, rec | 3/4/2010 | Pesticide | Dinoseb | n/a | = | 87 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, rec | 3/4/2010 | Pesticide | Dinoseb | n/a | = | 90 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, RPD | 3/4/2010 | Pesticide | Dinoseb | n/a | = | 3 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Pesticide | Diphenamid | n/a | = | 5.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Pesticide | Diphenamid | n/a | = | 5.04 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Pesticide | Diphenamid | n/a | = | 101 | % | EPA 525.2 | -88 | -88 | 86 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Pesticide | Diphenamid | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 86 | 130 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Pesticide | Diphenamid | n/a | = | 0.4 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Pesticide | Diphenamid | n/a | = | 5.2 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Pesticide | Diphenamid | n/a | = | 104 | % | EPA 525.2 | -88 | -88 | 82 | 144 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Pesticide | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Disulfoton | n/a | = | 0.0309 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Disulfoton | n/a | = | 0.0228 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Disulfoton | n/a | = | 46 | % | EPA 525.2 | -88 | -88 | 56 | 269 | EUM |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Disulfoton | n/a | = | 62 | % | EPA 525.2 | -88 | -88 | 56 | 269 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Disulfoton | n/a | = | 30 | % | EPA 525.2 | -88 | -88 | 0 | 25 | IL |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Disulfoton | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | Endosulfan I | n/a | = | 0.388 | µg/L | EPA 608 | 0.0085 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/4/2010 | Pesticide | Endosulfan I | n/a | = | 0.391 | µg/L | EPA 608 | 0.0085 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/4/2010 | Pesticide | Endosulfan I | n/a | = | 78 | % | EPA 608 | -88 | -88 | 45 | 153 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|--------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | Endosulfan I | n/a | = | 78 | % | EPA 608 | -88 | -88 | 45 | 153 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/4/2010 | Pesticide | Endosulfan I | n/a | = | 0.8 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | Endosulfan I | n/a | < | 0.0085 | µg/L | EPA 608 | 0.0085 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | Endosulfan II | n/a | = | 0.395 | µg/L | EPA 608 | 0.0095 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/4/2010 | Pesticide | Endosulfan II | n/a | = | 0.386 | µg/L | EPA 608 | 0.0095 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/4/2010 | Pesticide | Endosulfan II | n/a | = | 77 | % | EPA 608 | -88 | -88 | 2 | 202 | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | Endosulfan II | n/a | = | 79 | % | EPA 608 | -88 | -88 | 2 | 202 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/4/2010 | Pesticide | Endosulfan II | n/a | = | 2 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | Endosulfan II | n/a | < | 0.0095 | µg/L | EPA 608 | 0.0095 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | Endosulfan sulfate | n/a | = | 0.384 | µg/L | EPA 608 | 0.04 | 0.25 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/4/2010 | Pesticide | Endosulfan sulfate | n/a | = | 0.447 | µg/L | EPA 608 | 0.04 | 0.25 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/4/2010 | Pesticide | Endosulfan sulfate | n/a | = | 89 | % | EPA 608 | -88 | -88 | 26 | 144 | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | Endosulfan sulfate | n/a | = | 77 | % | EPA 608 | -88 | -88 | 26 | 144 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/4/2010 | Pesticide | Endosulfan sulfate | n/a | = | 15 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | Endosulfan sulfate | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.25 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | Endrin | n/a | = | 0.372 | µg/L | EPA 608 | 0.014 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/4/2010 | Pesticide | Endrin | n/a | = | 0.373 | µg/L | EPA 608 | 0.014 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/4/2010 | Pesticide | Endrin | n/a | = | 75 | % | EPA 608 | -88 | -88 | 30 | 147 | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | Endrin | n/a | = | 74 | % | EPA 608 | -88 | -88 | 30 | 147 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/4/2010 | Pesticide | Endrin | n/a | = | 0.1 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | Endrin | n/a | < | 0.014 | µg/L | EPA 608 | 0.014 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | Endrin aldehyde | n/a | = | 0.389 | µg/L | EPA 608 | 0.015 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/4/2010 | Pesticide | Endrin aldehyde | n/a | = | 0.406 | µg/L | EPA 608 | 0.015 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/4/2010 | Pesticide | Endrin aldehyde | n/a | = | 81 | % | EPA 608 | -88 | -88 | 41 | 203 | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | Endrin aldehyde | n/a | = | 78 | % | EPA 608 | -88 | -88 | 41 | 203 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/4/2010 | Pesticide | Endrin aldehyde | n/a | = | 4 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | Endrin aldehyde | n/a | < | 0.015 | µg/L | EPA 608 | 0.015 | 0.05 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Pesticide | EPTC | n/a | = | 4.7 | µg/L | EPA 525.2 | 0.23 | 1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Pesticide | EPTC | n/a | = | 4.77 | µg/L | EPA 525.2 | 0.23 | 1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Pesticide | EPTC | n/a | = | 95 | % | EPA 525.2 | -88 | -88 | 67 | 119 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Pesticide | EPTC | n/a | = | 94 | % | EPA 525.2 | -88 | -88 | 67 | 119 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Pesticide | EPTC | n/a | = | 1 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Pesticide | EPTC | n/a | = | 4.7 | µg/L | EPA 525.2 | 0.23 | 1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Pesticide | EPTC | n/a | = | 94 | % | EPA 525.2 | -88 | -88 | 75 | 110 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Pesticide | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | | | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Ethoprop | n/a | = | 0.0452 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Ethoprop | n/a | = | 0.0499 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Ethoprop | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 70 | 155 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Ethoprop | n/a | = | 90 | % | EPA 525.2 | -88 | -88 | 70 | 155 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Ethoprop | n/a | = | 10 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Ethoprop | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Ethyl parathion | n/a | = | 0.0487 | µg/L | EPA 525.2 | 0.0054 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Ethyl parathion | n/a | = | 0.0494 | µg/L | EPA 525.2 | 0.0054 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Ethyl parathion | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 70 | 242 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Ethyl parathion | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 70 | 242 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Ethyl parathion | n/a | = | 2 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Ethyl parathion | n/a | < | 0.0054 | µg/L | EPA 525.2 | 0.0054 | 0.01 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|---------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Fensulfothion | n/a | = | 0.0573 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Fensulfothion | n/a | = | 0.0608 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Fensulfothion | n/a | = | 122 | % | EPA 525.2 | -88 | -88 | 70 | 169 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Fensulfothion | n/a | = | 115 | % | EPA 525.2 | -88 | -88 | 70 | 169 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Fensulfothion | n/a | = | 6 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Fensulfothion | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Fenthion | n/a | = | 0.0351 | µg/L | EPA 525.2 | 0.0038 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Fenthion | n/a | = | 0.0401 | µg/L | EPA 525.2 | 0.0038 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Fenthion | n/a | = | 80 | % | EPA 525.2 | -88 | -88 | 70 | 163 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Fenthion | n/a | = | 70 | % | EPA 525.2 | -88 | -88 | 70 | 163 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Fenthion | n/a | = | 13 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Fenthion | n/a | < | 0.0038 | µg/L | EPA 525.2 | 0.0038 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 0.396 | µg/L | EPA 608 | 0.01 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/4/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 0.39 | µg/L | EPA 608 | 0.01 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/4/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 78 | % | EPA 608 | -88 | -88 | 32 | 127 | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 79 | % | EPA 608 | -88 | -88 | 32 | 127 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/4/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 1 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | gamma-BHC (Lindane) | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | gamma-Chlordane | n/a | = | 0.419 | µg/L | EPA 608 | 0.007 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/4/2010 | Pesticide | gamma-Chlordane | n/a | = | 0.426 | µg/L | EPA 608 | 0.007 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/4/2010 | Pesticide | gamma-Chlordane | n/a | = | 85 | % | EPA 608 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | gamma-Chlordane | n/a | = | 84 | % | EPA 608 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/4/2010 | Pesticide | gamma-Chlordane | n/a | = | 2 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | gamma-Chlordane | n/a | < | 0.007 | µg/L | EPA 608 | 0.007 | 0.05 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 2/25/2010 | Pesticide | Glyphosate | n/a | = | 26.8 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 2/25/2010 | Pesticide | Glyphosate | n/a | = | 26.1 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 2/25/2010 | Pesticide | Glyphosate | n/a | = | 23 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 2/25/2010 | Pesticide | Glyphosate | n/a | = | 26.9 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 2/25/2010 | Pesticide | Glyphosate | n/a | = | 92 | % | EPA 547 | -88 | -88 | 68 | 134 | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 2/25/2010 | Pesticide | Glyphosate | n/a | = | 108 | % | EPA 547 | -88 | -88 | 68 | 134 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 2/25/2010 | Pesticide | Glyphosate | n/a | = | 107 | % | EPA 547 | -88 | -88 | 68 | 134 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 2/25/2010 | Pesticide | Glyphosate | n/a | = | 104 | % | EPA 547 | -88 | -88 | 68 | 134 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 2/25/2010 | Pesticide | Glyphosate | n/a | = | 12 | % | EPA 547 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 2/25/2010 | Pesticide | Glyphosate | n/a | = | 0.6 | % | EPA 547 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 2/25/2010 | Pesticide | Glyphosate | n/a | = | 22.8 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-3A | Lab | LCS, rec | 2/25/2010 | Pesticide | Glyphosate | n/a | = | 91 | % | EPA 547 | -88 | -88 | 71 | 137 | X |
| 2009/10-3A | Lab | method blank | 2/25/2010 | Pesticide | Glyphosate | n/a | < | 1.8 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | Heptachlor | n/a | = | 0.403 | µg/L | EPA 608 | 0.0085 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/4/2010 | Pesticide | Heptachlor | n/a | = | 0.4 | µg/L | EPA 608 | 0.0085 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/4/2010 | Pesticide | Heptachlor | n/a | = | 80 | % | EPA 608 | -88 | -88 | 34 | 111 | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | Heptachlor | n/a | = | 81 | % | EPA 608 | -88 | -88 | 34 | 111 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/4/2010 | Pesticide | Heptachlor | n/a | = | 0.8 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | Heptachlor | n/a | < | 0.0085 | µg/L | EPA 608 | 0.0085 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | Heptachlor epoxide | n/a | = | 0.414 | µg/L | EPA 608 | 0.0095 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/4/2010 | Pesticide | Heptachlor epoxide | n/a | = | 0.424 | µg/L | EPA 608 | 0.0095 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/4/2010 | Pesticide | Heptachlor epoxide | n/a | = | 85 | % | EPA 608 | -88 | -88 | 37 | 142 | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | Heptachlor epoxide | n/a | = | 83 | % | EPA 608 | -88 | -88 | 37 | 142 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QA/QC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|--------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | LCS, RPD | 3/4/2010 | Pesticide | Heptachlor epoxide | n/a | = | 2 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | Heptachlor epoxide | n/a | < | 0.0095 | µg/L | EPA 608 | 0.0095 | 0.05 | | | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Malathion | n/a | = | 0.0553 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Malathion | n/a | = | 0.0671 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Malathion | n/a | = | 134 | % | EPA 525.2 | -88 | -88 | 70 | 208 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Malathion | n/a | = | 111 | % | EPA 525.2 | -88 | -88 | 70 | 208 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Malathion | n/a | = | 19 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Malathion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Merphos | n/a | = | 0.0577 | µg/L | EPA 525.2 | 0.0058 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Merphos | n/a | = | 0.0705 | µg/L | EPA 525.2 | 0.0058 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Merphos | n/a | = | 141 | % | EPA 525.2 | -88 | -88 | 70 | 161 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Merphos | n/a | = | 115 | % | EPA 525.2 | -88 | -88 | 70 | 161 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Merphos | n/a | = | 20 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Merphos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.01 | | | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | Methoxychlor | n/a | < | 0.027 | µg/L | EPA 608 | 0.027 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Methyl parathion | n/a | = | 0.0546 | µg/L | EPA 525.2 | 0.0063 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Methyl parathion | n/a | = | 0.0534 | µg/L | EPA 525.2 | 0.0063 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Methyl parathion | n/a | = | 107 | % | EPA 525.2 | -88 | -88 | 70 | 229 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Methyl parathion | n/a | = | 109 | % | EPA 525.2 | -88 | -88 | 70 | 229 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Methyl parathion | n/a | = | 2 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Methyl parathion | n/a | < | 0.0063 | µg/L | EPA 525.2 | 0.0063 | 0.01 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Pesticide | Metolachlor | n/a | = | 4.5 | µg/L | EPA 525.2 | 0.056 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Pesticide | Metolachlor | n/a | = | 4.46 | µg/L | EPA 525.2 | 0.056 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Pesticide | Metolachlor | n/a | = | 89 | % | EPA 525.2 | -88 | -88 | 53 | 178 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Pesticide | Metolachlor | n/a | = | 90 | % | EPA 525.2 | -88 | -88 | 53 | 178 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Pesticide | Metolachlor | n/a | = | 0.9 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Pesticide | Metolachlor | n/a | = | 4.73 | µg/L | EPA 525.2 | 0.056 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Pesticide | Metolachlor | n/a | = | 95 | % | EPA 525.2 | -88 | -88 | 55 | 170 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Pesticide | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Pesticide | Metribuzin | n/a | = | 4.08 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Pesticide | Metribuzin | n/a | = | 4.48 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Pesticide | Metribuzin | n/a | = | 90 | % | EPA 525.2 | -88 | -88 | 64 | 155 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Pesticide | Metribuzin | n/a | = | 82 | % | EPA 525.2 | -88 | -88 | 64 | 155 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Pesticide | Metribuzin | n/a | = | 9 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Pesticide | Metribuzin | n/a | = | 4.41 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Pesticide | Metribuzin | n/a | = | 88 | % | EPA 525.2 | -88 | -88 | 44 | 149 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Pesticide | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Mevinphos | n/a | = | 0.0396 | µg/L | EPA 525.2 | 0.0042 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Mevinphos | n/a | = | 0.0419 | µg/L | EPA 525.2 | 0.0042 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Mevinphos | n/a | = | 84 | % | EPA 525.2 | -88 | -88 | 70 | 148 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Mevinphos | n/a | = | 79 | % | EPA 525.2 | -88 | -88 | 70 | 148 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Mevinphos | n/a | = | 6 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Mevinphos | n/a | < | 0.0042 | µg/L | EPA 525.2 | 0.0042 | 0.01 | | | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | Mirex | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.05 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Pesticide | Molinate | n/a | = | 4.91 | µg/L | EPA 525.2 | 0.051 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Pesticide | Molinate | n/a | = | 4.95 | µg/L | EPA 525.2 | 0.051 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Pesticide | Molinate | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 68 | 125 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|-------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Pesticide | Molinate | n/a | = | 98 | % | EPA 525.2 | -88 | -88 | 68 | 125 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Pesticide | Molinate | n/a | = | 0.8 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Pesticide | Molinate | n/a | = | 4.85 | µg/L | EPA 525.2 | 0.051 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Pesticide | Molinate | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 76 | 116 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Pesticide | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Naled | n/a | = | 0.142 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Naled | n/a | = | 0.145 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Naled | n/a | = | 289 | % | EPA 525.2 | -88 | -88 | 70 | 299 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Naled | n/a | = | 283 | % | EPA 525.2 | -88 | -88 | 70 | 299 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Naled | n/a | = | 2 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Naled | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | Pentachlorophenol | n/a | = | 2.14 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | Pentachlorophenol | n/a | = | 107 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-3A | ME-SCR | matrix spike | 3/4/2010 | Pesticide | Pentachlorophenol | n/a | = | 2.23 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup | 3/4/2010 | Pesticide | Pentachlorophenol | n/a | = | 2.21 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup, rec | 3/4/2010 | Pesticide | Pentachlorophenol | n/a | = | 110 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, rec | 3/4/2010 | Pesticide | Pentachlorophenol | n/a | = | 111 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, RPD | 3/4/2010 | Pesticide | Pentachlorophenol | n/a | = | 0.8 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Phorate | n/a | = | 0.0373 | µg/L | EPA 525.2 | 0.003 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Phorate | n/a | = | 0.039 | µg/L | EPA 525.2 | 0.003 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Phorate | n/a | = | 78 | % | EPA 525.2 | -88 | -88 | 70 | 243 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Phorate | n/a | = | 75 | % | EPA 525.2 | -88 | -88 | 70 | 243 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Phorate | n/a | = | 5 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Phorate | n/a | < | 0.003 | µg/L | EPA 525.2 | 0.003 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS | 3/4/2010 | Pesticide | Picloram | n/a | = | 2.07 | µg/L | EPA 515.3 | 0.34 | 0.6 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/4/2010 | Pesticide | Picloram | n/a | = | 103 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | | | X |
| 2009/10-3A | ME-SCR | matrix spike | 3/4/2010 | Pesticide | Picloram | n/a | = | 2.18 | µg/L | EPA 515.3 | 0.34 | 0.6 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup | 3/4/2010 | Pesticide | Picloram | n/a | = | 2.1 | µg/L | EPA 515.3 | 0.34 | 0.6 | | | X |
| 2009/10-3A | ME-SCR | matrix spike dup, rec | 3/4/2010 | Pesticide | Picloram | n/a | = | 105 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, rec | 3/4/2010 | Pesticide | Picloram | n/a | = | 109 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-3A | ME-SCR | matrix spike, RPD | 3/4/2010 | Pesticide | Picloram | n/a | = | 4 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Pesticide | Prometon | n/a | = | 2.53 | µg/L | EPA 525.2 | 0.16 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Pesticide | Prometon | n/a | = | 3.61 | µg/L | EPA 525.2 | 0.16 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Pesticide | Prometon | n/a | = | 72 | % | EPA 525.2 | -88 | -88 | 5 | 148 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Pesticide | Prometon | n/a | = | 51 | % | EPA 525.2 | -88 | -88 | 5 | 148 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Pesticide | Prometon | n/a | = | 35 | % | EPA 525.2 | -88 | -88 | 0 | 30 | IL |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Pesticide | Prometon | n/a | = | 2.97 | µg/L | EPA 525.2 | 0.16 | 0.2 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Pesticide | Prometon | n/a | = | 59 | % | EPA 525.2 | -88 | -88 | 6 | 110 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Pesticide | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Pesticide | Prometryn | n/a | = | 4.19 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Pesticide | Prometryn | n/a | = | 4.43 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Pesticide | Prometryn | n/a | = | 89 | % | EPA 525.2 | -88 | -88 | 44 | 169 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Pesticide | Prometryn | n/a | = | 84 | % | EPA 525.2 | -88 | -88 | 44 | 169 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Pesticide | Prometryn | n/a | = | 6 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Pesticide | Prometryn | n/a | = | 4.56 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|-------------------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Pesticide | Prometryn | n/a | = | 91 | % | EPA 525.2 | -88 | -88 | 34 | 152 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Pesticide | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 0.0423 | µg/L | EPA 525.2 | 0.0041 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 0.0488 | µg/L | EPA 525.2 | 0.0041 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 98 | % | EPA 525.2 | -88 | -88 | 70 | 145 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 85 | % | EPA 525.2 | -88 | -88 | 70 | 145 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 14 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Ronnel (Fenchlorphos) | n/a | < | 0.0041 | µg/L | EPA 525.2 | 0.0041 | 0.01 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Pesticide | Simazine | n/a | = | 3.54 | µg/L | EPA 525.2 | 0.083 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Pesticide | Simazine | n/a | = | 3.95 | µg/L | EPA 525.2 | 0.083 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Pesticide | Simazine | n/a | = | 79 | % | EPA 525.2 | -88 | -88 | 53 | 152 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Pesticide | Simazine | n/a | = | 71 | % | EPA 525.2 | -88 | -88 | 53 | 152 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Pesticide | Simazine | n/a | = | 11 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Pesticide | Simazine | n/a | = | 3.88 | µg/L | EPA 525.2 | 0.083 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Pesticide | Simazine | n/a | = | 78 | % | EPA 525.2 | -88 | -88 | 54 | 156 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Pesticide | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 0.117 | µg/L | EPA 525.2 | 0.0031 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 0.129 | µg/L | EPA 525.2 | 0.0031 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 258 | % | EPA 525.2 | -88 | -88 | 70 | 278 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 235 | % | EPA 525.2 | -88 | -88 | 70 | 278 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 9 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0031 | µg/L | EPA 525.2 | 0.0031 | 0.01 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Pesticide | Terbacil | n/a | = | 4.87 | µg/L | EPA 525.2 | 0.55 | 2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Pesticide | Terbacil | n/a | = | 5.27 | µg/L | EPA 525.2 | 0.55 | 2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Pesticide | Terbacil | n/a | = | 105 | % | EPA 525.2 | -88 | -88 | 56 | 159 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Pesticide | Terbacil | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 56 | 159 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Pesticide | Terbacil | n/a | = | 8 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Pesticide | Terbacil | n/a | = | 5.14 | µg/L | EPA 525.2 | 0.55 | 2 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Pesticide | Terbacil | n/a | = | 103 | % | EPA 525.2 | -88 | -88 | 66 | 140 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Pesticide | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Pesticide | Thiobencarb | n/a | = | 4.06 | µg/L | EPA 525.2 | 0.11 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Pesticide | Thiobencarb | n/a | = | 4.08 | µg/L | EPA 525.2 | 0.11 | 0.2 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Pesticide | Thiobencarb | n/a | = | 82 | % | EPA 525.2 | -88 | -88 | 71 | 160 | X |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Pesticide | Thiobencarb | n/a | = | 81 | % | EPA 525.2 | -88 | -88 | 71 | 160 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Pesticide | Thiobencarb | n/a | = | 0.5 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Pesticide | Thiobencarb | n/a | = | 4.35 | µg/L | EPA 525.2 | 0.11 | 0.2 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Pesticide | Thiobencarb | n/a | = | 87 | % | EPA 525.2 | -88 | -88 | 57 | 162 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Pesticide | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | | | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Tokuthion | n/a | = | 0.0347 | µg/L | EPA 525.2 | 0.0078 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Tokuthion | n/a | = | 0.0407 | µg/L | EPA 525.2 | 0.0078 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Tokuthion | n/a | = | 81 | % | EPA 525.2 | -88 | -88 | 70 | 122 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Tokuthion | n/a | = | 69 | % | EPA 525.2 | -88 | -88 | 70 | 122 | EUM |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Tokuthion | n/a | = | 16 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Tokuthion | n/a | < | 0.0078 | µg/L | EPA 525.2 | 0.0078 | 0.01 | | | X |
| 2009/10-3A | Lab | method blank | 3/4/2010 | Pesticide | Toxaphene | n/a | < | 0.6 | µg/L | EPA 608 | 0.6 | 2.5 | | | X |
| 2009/10-3A | Lab | LCS | 3/10/2010 | Pesticide | Trichloronate | n/a | = | 0.0348 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-3A | Lab | LCS dup | 3/10/2010 | Pesticide | Trichloronate | n/a | = | 0.041 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|------------|----------|-----------------------|---------------|----------------|---------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-3A | Lab | LCS dup, rec | 3/10/2010 | Pesticide | Trichloronate | n/a | = | 82 | % | EPA 525.2 | -88 | -88 | 70 | 122 | X |
| 2009/10-3A | Lab | LCS, rec | 3/10/2010 | Pesticide | Trichloronate | n/a | = | 70 | % | EPA 525.2 | -88 | -88 | 70 | 122 | X |
| 2009/10-3A | Lab | LCS, RPD | 3/10/2010 | Pesticide | Trichloronate | n/a | = | 16 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-3A | Lab | method blank | 3/10/2010 | Pesticide | Trichloronate | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike | 3/3/2010 | Pesticide | Trithion | n/a | = | 4.58 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup | 3/3/2010 | Pesticide | Trithion | n/a | = | 4.24 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-3A | 000NONPJ | matrix spike dup, rec | 3/3/2010 | Pesticide | Trithion | n/a | = | 85 | % | EPA 525.2 | -88 | -88 | 86 | 144 | GB |
| 2009/10-3A | 000NONPJ | matrix spike, rec | 3/3/2010 | Pesticide | Trithion | n/a | = | 92 | % | EPA 525.2 | -88 | -88 | 86 | 144 | X |
| 2009/10-3A | 000NONPJ | matrix spike, RPD | 3/3/2010 | Pesticide | Trithion | n/a | = | 8 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-3A | Lab | LCS | 3/3/2010 | Pesticide | Trithion | n/a | = | 5.08 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-3A | Lab | LCS, rec | 3/3/2010 | Pesticide | Trithion | n/a | = | 102 | % | EPA 525.2 | -88 | -88 | 62 | 149 | X |
| 2009/10-3A | Lab | method blank | 3/3/2010 | Pesticide | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike | 3/23/2010 | Anion | Chloride | n/a | = | 42.9 | mg/L | EPA 300.0 | 0.4 | 2.5 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup | 3/23/2010 | Anion | Chloride | n/a | = | 42.6 | mg/L | EPA 300.0 | 0.4 | 2.5 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 3/23/2010 | Anion | Chloride | n/a | = | 100 | % | EPA 300.0 | -88 | -88 | 72 | 118 | X |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 3/23/2010 | Anion | Chloride | n/a | = | 101 | % | EPA 300.0 | -88 | -88 | 72 | 118 | X |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 3/23/2010 | Anion | Chloride | n/a | = | 0.6 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-4 | 000NONPJ | matrix spike | 3/24/2010 | Anion | Chloride | n/a | = | 188 | mg/L | EPA 300.0 | 0.4 | 2.5 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup | 3/24/2010 | Anion | Chloride | n/a | = | 188 | mg/L | EPA 300.0 | 0.4 | 2.5 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 3/24/2010 | Anion | Chloride | n/a | = | 76 | % | EPA 300.0 | -88 | -88 | 72 | 118 | X |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 3/24/2010 | Anion | Chloride | n/a | = | 75 | % | EPA 300.0 | -88 | -88 | 72 | 118 | X |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 3/24/2010 | Anion | Chloride | n/a | = | 0.09 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-4 | Lab | LCS | 3/23/2010 | Anion | Chloride | n/a | = | 3.84 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/23/2010 | Anion | Chloride | n/a | = | 96 | % | EPA 300.0 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | Lab | method blank | 3/23/2010 | Anion | Chloride | n/a | < | 0.079 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS | 3/24/2010 | Anion | Chloride | n/a | = | 3.88 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/24/2010 | Anion | Chloride | n/a | = | 97 | % | EPA 300.0 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | Lab | method blank | 3/24/2010 | Anion | Chloride | n/a | < | 0.079 | mg/L | EPA 300.0 | 0.079 | 0.5 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/23/2010 | Anion | Chloride | n/a | = | 263 | mg/L | EPA 300.0 | 0.79 | 5 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/23/2010 | Anion | Chloride | n/a | = | 265 | mg/L | EPA 300.0 | 0.79 | 5 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/23/2010 | Anion | Chloride | n/a | = | 120 | % | EPA 300.0 | -88 | -88 | 72 | 118 | GB |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/23/2010 | Anion | Chloride | n/a | = | 115 | % | EPA 300.0 | -88 | -88 | 72 | 118 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/23/2010 | Anion | Chloride | n/a | = | 0.7 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-4 | MO-CAM | matrix spike | 3/24/2010 | Anion | Chloride | n/a | = | 361 | mg/L | EPA 300.0 | 0.79 | 5 | | | X |
| 2009/10-4 | MO-CAM | matrix spike dup | 3/24/2010 | Anion | Chloride | n/a | = | 363 | mg/L | EPA 300.0 | 0.79 | 5 | | | X |
| 2009/10-4 | MO-CAM | matrix spike dup, rec | 3/24/2010 | Anion | Chloride | n/a | = | 51 | % | EPA 300.0 | -88 | -88 | 72 | 118 | GB |
| 2009/10-4 | MO-CAM | matrix spike, rec | 3/24/2010 | Anion | Chloride | n/a | = | 46 | % | EPA 300.0 | -88 | -88 | 72 | 118 | GB |
| 2009/10-4 | MO-CAM | matrix spike, RPD | 3/24/2010 | Anion | Chloride | n/a | = | 0.6 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-4 | 000NONPJ | matrix spike | 3/23/2010 | Anion | Fluoride | n/a | = | 9.71 | mg/L | EPA 300.0 | 0.065 | 0.5 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup | 3/23/2010 | Anion | Fluoride | n/a | = | 9.7 | mg/L | EPA 300.0 | 0.065 | 0.5 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 3/23/2010 | Anion | Fluoride | n/a | = | 93 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 3/23/2010 | Anion | Fluoride | n/a | = | 93 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 3/23/2010 | Anion | Fluoride | n/a | = | 0.1 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-4 | 000NONPJ | matrix spike | 3/24/2010 | Anion | Fluoride | n/a | = | 10 | mg/L | EPA 300.0 | 0.065 | 0.5 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup | 3/24/2010 | Anion | Fluoride | n/a | = | 10.1 | mg/L | EPA 300.0 | 0.065 | 0.5 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 3/24/2010 | Anion | Fluoride | n/a | = | 100 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 3/24/2010 | Anion | Fluoride | n/a | = | 99 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 3/24/2010 | Anion | Fluoride | n/a | = | 0.4 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-4 | Lab | LCS | 3/23/2010 | Anion | Fluoride | n/a | = | 1.92 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/23/2010 | Anion | Fluoride | n/a | = | 96 | % | EPA 300.0 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | Lab | method blank | 3/23/2010 | Anion | Fluoride | n/a | < | 0.013 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS | 3/24/2010 | Anion | Fluoride | n/a | = | 1.93 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/24/2010 | Anion | Fluoride | n/a | = | 97 | % | EPA 300.0 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | Lab | method blank | 3/24/2010 | Anion | Fluoride | n/a | < | 0.013 | mg/L | EPA 300.0 | 0.013 | 0.1 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/23/2010 | Anion | Fluoride | n/a | = | 19.4 | mg/L | EPA 300.0 | 0.13 | 1 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/23/2010 | Anion | Fluoride | n/a | = | 19.4 | mg/L | EPA 300.0 | 0.13 | 1 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/23/2010 | Anion | Fluoride | n/a | = | 95 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/23/2010 | Anion | Fluoride | n/a | = | 95 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/23/2010 | Anion | Fluoride | n/a | = | 0.05 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-4 | MO-CAM | matrix spike | 3/24/2010 | Anion | Fluoride | n/a | = | 19.6 | mg/L | EPA 300.0 | 0.13 | 1 | | | X |
| 2009/10-4 | MO-CAM | matrix spike dup | 3/24/2010 | Anion | Fluoride | n/a | = | 19.8 | mg/L | EPA 300.0 | 0.13 | 1 | | | X |
| 2009/10-4 | MO-CAM | matrix spike dup, rec | 3/24/2010 | Anion | Fluoride | n/a | = | 95 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-4 | MO-CAM | matrix spike, rec | 3/24/2010 | Anion | Fluoride | n/a | = | 94 | % | EPA 300.0 | -88 | -88 | 79 | 109 | X |
| 2009/10-4 | MO-CAM | matrix spike, RPD | 3/24/2010 | Anion | Fluoride | n/a | = | 0.9 | % | EPA 300.0 | -88 | -88 | 0 | 20 | X |
| 2009/10-4 | 000NONPJ | matrix spike | 3/31/2010 | Anion | Perchlorate | n/a | = | 8.06 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup | 3/31/2010 | Anion | Perchlorate | n/a | = | 8.32 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 3/31/2010 | Anion | Perchlorate | n/a | = | 83 | % | EPA 314.0 | -88 | -88 | 80 | 120 | X |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 3/31/2010 | Anion | Perchlorate | n/a | = | 81 | % | EPA 314.0 | -88 | -88 | 80 | 120 | X |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 3/31/2010 | Anion | Perchlorate | n/a | = | 3 | % | EPA 314.0 | -88 | -88 | 0 | 15 | X |
| 2009/10-4 | 000NONPJ | matrix spike | 4/2/2010 | Anion | Perchlorate | n/a | = | 9.13 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup | 4/2/2010 | Anion | Perchlorate | n/a | = | 9.21 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 4/2/2010 | Anion | Perchlorate | n/a | = | 80 | % | EPA 314.0 | -88 | -88 | 80 | 120 | X |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 4/2/2010 | Anion | Perchlorate | n/a | = | 79 | % | EPA 314.0 | -88 | -88 | 80 | 120 | GB |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 4/2/2010 | Anion | Perchlorate | n/a | = | 0.9 | % | EPA 314.0 | -88 | -88 | 0 | 15 | X |
| 2009/10-4 | Lab | LCS | 3/31/2010 | Anion | Perchlorate | n/a | = | 9.04 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/31/2010 | Anion | Perchlorate | n/a | = | 90 | % | EPA 314.0 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/31/2010 | Anion | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-4 | Lab | LCS | 4/2/2010 | Anion | Perchlorate | n/a | = | 9.13 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/2/2010 | Anion | Perchlorate | n/a | = | 91 | % | EPA 314.0 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 4/2/2010 | Anion | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | | | X |
| 2009/10-4 | Lab | LCS | 3/26/2010 | Cation | Calcium | Total | = | 49.1 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/26/2010 | Cation | Calcium | Total | = | 98 | % | EPA 200.7 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/26/2010 | Cation | Calcium | Total | < | 0.016 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/26/2010 | Cation | Calcium | Total | = | 175 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/26/2010 | Cation | Calcium | Total | = | 172 | mg/L | EPA 200.7 | 0.016 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/26/2010 | Cation | Calcium | Total | = | 90 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/26/2010 | Cation | Calcium | Total | = | 95 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/26/2010 | Cation | Calcium | Total | = | 1 | % | EPA 200.7 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/26/2010 | Cation | Magnesium | Total | = | 49.3 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/26/2010 | Cation | Magnesium | Total | = | 99 | % | EPA 200.7 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/26/2010 | Cation | Magnesium | Total | < | 0.012 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/26/2010 | Cation | Magnesium | Total | = | 91.7 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/26/2010 | Cation | Magnesium | Total | = | 90.6 | mg/L | EPA 200.7 | 0.012 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/26/2010 | Cation | Magnesium | Total | = | 98 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|---------------------|----------|------|--------|----------|--------------|--------|-------|----------|------|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/26/2010 | Cation | Magnesium | Total | = | 100 | % | EPA 200.7 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/26/2010 | Cation | Magnesium | Total | = | 1 | % | EPA 200.7 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | 000NONPJ | lab duplicate | 3/22/2010 | Conventional | Alkalinity as CaCO3 | n/a | = | 201 | mg/L | SM 2320 B | 1.2 | 10 | | 15 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Conventional | Alkalinity as CaCO3 | n/a | = | 254 | mg/L | SM 2320 B | 1.2 | 10 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Conventional | Alkalinity as CaCO3 | n/a | = | 101 | % | SM 2320 B | -88 | -88 | 94 | 108 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Conventional | Alkalinity as CaCO3 | n/a | DNQ | 6.83 | mg/L | SM 2320 B | 1.2 | 10 | | | X |
| 2009/10-4 | Lab | LCS | 3/24/2010 | Conventional | BOD | n/a | = | 180 | mg/L | SM 5210 B | 0.1 | 2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/24/2010 | Conventional | BOD | n/a | = | 91 | % | SM 5210 B | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | LCS | 3/23/2010 | Conventional | COD | n/a | = | 99.9 | mg/L | EPA 410.4 | 1.8 | 5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/23/2010 | Conventional | COD | n/a | = | 100 | % | EPA 410.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | Lab | method blank | 3/23/2010 | Conventional | COD | n/a | < | 1.8 | mg/L | EPA 410.4 | 1.8 | 5 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/23/2010 | Conventional | COD | n/a | = | 219 | mg/L | EPA 410.4 | 3.7 | 10 | | | D |
| 2009/10-4 | ME-CC | matrix spike dup | 3/23/2010 | Conventional | COD | n/a | = | 219 | mg/L | EPA 410.4 | 3.7 | 10 | | | D |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/23/2010 | Conventional | COD | n/a | = | 101 | % | EPA 410.4 | -88 | -88 | 90 | 110 | D |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/23/2010 | Conventional | COD | n/a | = | 101 | % | EPA 410.4 | -88 | -88 | 90 | 110 | D |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/23/2010 | Conventional | COD | n/a | = | 0.04 | % | EPA 410.4 | -88 | -88 | 0 | 15 | D |
| 2009/10-4 | ME-SCR | matrix spike | 3/23/2010 | Conventional | COD | n/a | = | 215 | mg/L | EPA 410.4 | 3.7 | 10 | | | D |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/23/2010 | Conventional | COD | n/a | = | 215 | mg/L | EPA 410.4 | 3.7 | 10 | | | D |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/23/2010 | Conventional | COD | n/a | = | 102 | % | EPA 410.4 | -88 | -88 | 90 | 110 | D |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/23/2010 | Conventional | COD | n/a | = | 102 | % | EPA 410.4 | -88 | -88 | 90 | 110 | D |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/23/2010 | Conventional | COD | n/a | = | 0.009 | % | EPA 410.4 | -88 | -88 | 0 | 15 | D |
| 2009/10-4 | Lab | LCS | 3/26/2010 | Conventional | Cyanide | Total | = | 0.0464 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | |
| 2009/10-4 | Lab | LCS, rec | 3/26/2010 | Conventional | Cyanide | Total | = | 93 | % | EPA 335.4 | -88 | -88 | 90 | 110 | |
| 2009/10-4 | Lab | method blank | 3/26/2010 | Conventional | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | |
| 2009/10-4 | ME-VR2 | matrix spike | 3/26/2010 | Conventional | Cyanide | Total | = | 0.148 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | |
| 2009/10-4 | ME-VR2 | matrix spike dup | 3/26/2010 | Conventional | Cyanide | Total | = | 0.137 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | |
| 2009/10-4 | ME-VR2 | matrix spike dup, rec | 3/26/2010 | Conventional | Cyanide | Total | = | 68 | % | EPA 335.4 | -88 | -88 | 90 | 110 | GB |
| 2009/10-4 | ME-VR2 | matrix spike, rec | 3/26/2010 | Conventional | Cyanide | Total | = | 74 | % | EPA 335.4 | -88 | -88 | 90 | 110 | GB |
| 2009/10-4 | ME-VR2 | matrix spike, RPD | 3/26/2010 | Conventional | Cyanide | Total | = | 8 | % | EPA 335.4 | -88 | -88 | 0 | 20 | |
| 2009/10-4 | MO-CAM | matrix spike | 3/26/2010 | Conventional | Cyanide | Total | = | 0.191 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | |
| 2009/10-4 | MO-CAM | matrix spike dup | 3/26/2010 | Conventional | Cyanide | Total | = | 0.184 | mg/L | EPA 335.4 | 0.0027 | 0.005 | | | |
| 2009/10-4 | MO-CAM | matrix spike dup, rec | 3/26/2010 | Conventional | Cyanide | Total | = | 92 | % | EPA 335.4 | -88 | -88 | 90 | 110 | |
| 2009/10-4 | MO-CAM | matrix spike, rec | 3/26/2010 | Conventional | Cyanide | Total | = | 96 | % | EPA 335.4 | -88 | -88 | 90 | 110 | |
| 2009/10-4 | MO-CAM | matrix spike, RPD | 3/26/2010 | Conventional | Cyanide | Total | = | 4 | % | EPA 335.4 | -88 | -88 | 0 | 20 | |
| 2009/10-4 | 000NONPJ | matrix spike | 3/18/2010 | Conventional | MBAS | n/a | = | 0.279 | mg/L | SM 5540 C | 0.019 | 0.05 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup | 3/18/2010 | Conventional | MBAS | n/a | = | 0.271 | mg/L | SM 5540 C | 0.019 | 0.05 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 3/18/2010 | Conventional | MBAS | n/a | = | 106 | % | SM 5540 C | -88 | -88 | 77 | 118 | X |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 3/18/2010 | Conventional | MBAS | n/a | = | 110 | % | SM 5540 C | -88 | -88 | 77 | 118 | X |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 3/18/2010 | Conventional | MBAS | n/a | = | 3 | % | SM 5540 C | -88 | -88 | 0 | 20 | X |
| 2009/10-4 | Lab | LCS | 3/18/2010 | Conventional | MBAS | n/a | = | 0.194 | mg/L | SM 5540 C | 0.019 | 0.05 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/18/2010 | Conventional | MBAS | n/a | = | 97 | % | SM 5540 C | -88 | -88 | 79 | 113 | X |
| 2009/10-4 | Lab | method blank | 3/18/2010 | Conventional | MBAS | n/a | < | 0.019 | mg/L | SM 5540 C | 0.019 | 0.05 | | | X |
| 2009/10-4 | 000NONPJ | lab duplicate | 3/18/2010 | Conventional | pH | n/a | = | 7.59 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | | 3.24 | |
| 2009/10-4 | Lab | CRM | 3/18/2010 | Conventional | pH | n/a | = | 6.83 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | | | |
| 2009/10-4 | Lab | CRM, rec | 3/18/2010 | Conventional | pH | n/a | = | 100 | % | SM 4500-H+ B | -88 | -88 | 96.7 | 102 | |
| 2009/10-4 | Lab | LCS | 3/31/2010 | Conventional | Phenolics | n/a | = | 0.0968 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/31/2010 | Conventional | Phenolics | n/a | = | 97 | % | EPA 420.4 | -88 | -88 | 90 | 110 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|---------------------------|----------|------|--------|----------|--------------|--------|------|----------|------|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | Lab | method blank | 3/31/2010 | Conventional | Phenolics | n/a | < | 0.0016 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | X |
| 2009/10-4 | MO-VEN | matrix spike | 3/31/2010 | Conventional | Phenolics | n/a | = | 0.152 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | X |
| 2009/10-4 | MO-VEN | matrix spike dup | 3/31/2010 | Conventional | Phenolics | n/a | = | 0.145 | mg/L | EPA 420.4 | 0.0016 | 0.01 | | | X |
| 2009/10-4 | MO-VEN | matrix spike dup, rec | 3/31/2010 | Conventional | Phenolics | n/a | = | 93 | % | EPA 420.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | MO-VEN | matrix spike, rec | 3/31/2010 | Conventional | Phenolics | n/a | = | 100 | % | EPA 420.4 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | MO-VEN | matrix spike, RPD | 3/31/2010 | Conventional | Phenolics | n/a | = | 5 | % | EPA 420.4 | -88 | -88 | 0 | 20 | X |
| 2009/10-4 | 000NONPJ | lab duplicate | 3/22/2010 | Conventional | Specific Conductance | n/a | = | 440 | µmhos/cm | SM 2510 B | 0.23 | 2 | | 4.28 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Conventional | Specific Conductance | n/a | = | 200 | µmhos/cm | SM 2510 B | 0.23 | 2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Conventional | Specific Conductance | n/a | = | 100 | % | SM 2510 B | -88 | -88 | 95 | 105 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Conventional | Specific Conductance | n/a | DNQ | 0.4 | µmhos/cm | SM 2510 B | 0.23 | 2 | | | X |
| 2009/10-4 | Lab | LCS | 3/18/2010 | Conventional | Total Chlorine Residual | n/a | = | 0.207 | mg/L | SM 4500-Cl G | 0.0016 | 0.05 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/18/2010 | Conventional | Total Chlorine Residual | n/a | = | 104 | % | SM 4500-Cl G | -88 | -88 | 82 | 112 | X |
| 2009/10-4 | Lab | method blank | 3/18/2010 | Conventional | Total Chlorine Residual | n/a | < | 0.0016 | mg/L | SM 4500-Cl G | 0.0016 | 0.05 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/18/2010 | Conventional | Total Chlorine Residual | n/a | = | 0.214 | mg/L | SM 4500-Cl G | 0.0016 | 0.05 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/18/2010 | Conventional | Total Chlorine Residual | n/a | = | 0.211 | mg/L | SM 4500-Cl G | 0.0016 | 0.05 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/18/2010 | Conventional | Total Chlorine Residual | n/a | = | 104 | % | SM 4500-Cl G | -88 | -88 | 65 | 128 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/18/2010 | Conventional | Total Chlorine Residual | n/a | = | 105 | % | SM 4500-Cl G | -88 | -88 | 65 | 128 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/18/2010 | Conventional | Total Chlorine Residual | n/a | = | 1 | % | SM 4500-Cl G | -88 | -88 | 0 | 15 | X |
| 2009/10-4 | 000NONPJ | lab duplicate | 3/22/2010 | Conventional | Total Dissolved Solids | n/a | = | 1320 | mg/L | SM 2540 C | 4 | 10 | | 10 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Conventional | Total Dissolved Solids | n/a | = | 816 | mg/L | SM 2540 C | 4 | 10 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Conventional | Total Dissolved Solids | n/a | = | 99 | % | SM 2540 C | -88 | -88 | 91 | 104 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Conventional | Total Dissolved Solids | n/a | < | 4 | mg/L | SM 2540 C | 4 | 10 | | | X |
| 2009/10-4 | Lab | LCS | 3/24/2010 | Conventional | Total Organic Carbon | n/a | = | 4.74 | mg/L | SM 5310 C | 0.032 | 0.3 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/24/2010 | Conventional | Total Organic Carbon | n/a | = | 95 | % | SM 5310 C | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | Lab | method blank | 3/24/2010 | Conventional | Total Organic Carbon | n/a | DNQ | 0.0487 | mg/L | SM 5310 C | 0.032 | 0.3 | | | X |
| 2009/10-4 | ME-VR2 | matrix spike | 3/24/2010 | Conventional | Total Organic Carbon | n/a | = | 6.26 | mg/L | SM 5310 C | 0.032 | 0.3 | | | X |
| 2009/10-4 | ME-VR2 | matrix spike dup | 3/24/2010 | Conventional | Total Organic Carbon | n/a | = | 6.24 | mg/L | SM 5310 C | 0.032 | 0.3 | | | X |
| 2009/10-4 | ME-VR2 | matrix spike dup, rec | 3/24/2010 | Conventional | Total Organic Carbon | n/a | = | 95 | % | SM 5310 C | -88 | -88 | 84 | 107 | X |
| 2009/10-4 | ME-VR2 | matrix spike, rec | 3/24/2010 | Conventional | Total Organic Carbon | n/a | = | 95 | % | SM 5310 C | -88 | -88 | 84 | 107 | X |
| 2009/10-4 | ME-VR2 | matrix spike, RPD | 3/24/2010 | Conventional | Total Organic Carbon | n/a | = | 0.3 | % | SM 5310 C | -88 | -88 | 0 | 20 | X |
| 2009/10-4 | 000NONPJ | lab duplicate | 3/22/2010 | Conventional | Total Suspended Solids | n/a | = | 573 | mg/L | SM 2540 D | 5 | 5 | | 20 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Conventional | Total Suspended Solids | n/a | < | 5 | mg/L | SM 2540 D | 5 | 5 | | | X |
| 2009/10-4 | 000NONPJ | lab duplicate | 3/19/2010 | Conventional | Turbidity | n/a | = | 2.21 | NTU | EPA 180.1 | 0.04 | 0.1 | | 10 | X |
| 2009/10-4 | Lab | LCS | 3/19/2010 | Conventional | Turbidity | n/a | = | 6.19 | NTU | EPA 180.1 | 0.04 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/19/2010 | Conventional | Turbidity | n/a | = | 100 | % | EPA 180.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | Lab | method blank | 3/19/2010 | Conventional | Turbidity | n/a | < | 0.04 | NTU | EPA 180.1 | 0.04 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | lab duplicate | 3/23/2010 | Conventional | Volatile Suspended Solids | n/a | = | 280 | mg/L | EPA 160.4 | 3.1 | 5 | | 15 | X |
| 2009/10-4 | Lab | method blank | 3/23/2010 | Conventional | Volatile Suspended Solids | n/a | < | 3.1 | mg/L | EPA 160.4 | 3.1 | 5 | | | X |
| 2009/10-4 | Lab | LCS | 3/23/2010 | Hydrocarbon | Oil and Grease | n/a | = | 18.8 | mg/L | EPA 1664A | 2 | 5 | | | |
| 2009/10-4 | Lab | LCS | 3/23/2010 | Hydrocarbon | Oil and Grease | n/a | DNQ | 4.7 | mg/L | EPA 1664A | 2 | 5 | | | |
| 2009/10-4 | Lab | LCS dup | 3/23/2010 | Hydrocarbon | Oil and Grease | n/a | = | 17.9 | mg/L | EPA 1664A | 2 | 5 | | | |
| 2009/10-4 | Lab | LCS dup, rec | 3/23/2010 | Hydrocarbon | Oil and Grease | n/a | = | 90 | % | EPA 1664A | -88 | -88 | 78 | 114 | |
| 2009/10-4 | Lab | LCS, rec | 3/23/2010 | Hydrocarbon | Oil and Grease | n/a | = | 94 | % | EPA 1664A | -88 | -88 | 78 | 114 | |
| 2009/10-4 | Lab | LCS, rec | 3/23/2010 | Hydrocarbon | Oil and Grease | n/a | = | 94 | % | EPA 1664A | -88 | -88 | 78 | 114 | |
| 2009/10-4 | Lab | LCS, RPD | 3/23/2010 | Hydrocarbon | Oil and Grease | n/a | = | 5 | % | EPA 1664A | -88 | -88 | 0 | 18 | |
| 2009/10-4 | Lab | method blank | 3/23/2010 | Hydrocarbon | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | | | |
| 2009/10-4 | Lab | method blank | 3/23/2010 | Hydrocarbon | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | | | |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Aluminum | Dissolved | = | 52.2 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Aluminum | Dissolved | = | 104 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Aluminum | Dissolved | DNQ | 0.95 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Aluminum | Total | = | 52.2 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Aluminum | Total | = | 104 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Aluminum | Total | DNQ | 0.95 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/30/2010 | Metal | Aluminum | Total | = | 246 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/30/2010 | Metal | Aluminum | Total | = | 335 | µg/L | EPA 200.8 | 0.19 | 5 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/30/2010 | Metal | Aluminum | Total | = | 316 | % | EPA 200.8 | -88 | -88 | 70 | 130 | GB |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/30/2010 | Metal | Aluminum | Total | = | 138 | % | EPA 200.8 | -88 | -88 | 70 | 130 | GB |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/30/2010 | Metal | Aluminum | Total | = | 31 | % | EPA 200.8 | -88 | -88 | 0 | 30 | IL |
| 2009/10-4 | MO-VEN | matrix spike | 3/30/2010 | Metal | Aluminum | Total | = | 90.6 | µg/L | EPA 200.8 | 0.95 | 25 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup | 3/30/2010 | Metal | Aluminum | Total | = | 94.7 | µg/L | EPA 200.8 | 0.95 | 25 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup, rec | 3/30/2010 | Metal | Aluminum | Total | = | 124 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, rec | 3/30/2010 | Metal | Aluminum | Total | = | 116 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, RPD | 3/30/2010 | Metal | Aluminum | Total | = | 4 | % | EPA 200.8 | -88 | -88 | 0 | 30 | D |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Antimony | Dissolved | = | 46.7 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Antimony | Dissolved | = | 93 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Antimony | Dissolved | DNQ | 0.0493 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Antimony | Total | = | 46.7 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Antimony | Total | = | 93 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Antimony | Total | DNQ | 0.0493 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/30/2010 | Metal | Antimony | Total | = | 47.1 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/30/2010 | Metal | Antimony | Total | = | 46.5 | µg/L | EPA 200.8 | 0.008 | 0.5 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/30/2010 | Metal | Antimony | Total | = | 92 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/30/2010 | Metal | Antimony | Total | = | 93 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/30/2010 | Metal | Antimony | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | MO-VEN | matrix spike | 3/30/2010 | Metal | Antimony | Total | = | 50.2 | µg/L | EPA 200.8 | 0.04 | 2.5 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup | 3/30/2010 | Metal | Antimony | Total | = | 51.2 | µg/L | EPA 200.8 | 0.04 | 2.5 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup, rec | 3/30/2010 | Metal | Antimony | Total | = | 100 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, rec | 3/30/2010 | Metal | Antimony | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, RPD | 3/30/2010 | Metal | Antimony | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | D |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Arsenic | Dissolved | = | 49.6 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Arsenic | Dissolved | = | 99 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Arsenic | Dissolved | < | 0.014 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Arsenic | Total | = | 49.6 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Arsenic | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Arsenic | Total | < | 0.014 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/30/2010 | Metal | Arsenic | Total | = | 54.8 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/30/2010 | Metal | Arsenic | Total | = | 53.9 | µg/L | EPA 200.8 | 0.014 | 0.4 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/30/2010 | Metal | Arsenic | Total | = | 100 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/30/2010 | Metal | Arsenic | Total | = | 102 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/30/2010 | Metal | Arsenic | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | MO-VEN | matrix spike | 3/30/2010 | Metal | Arsenic | Total | = | 56.8 | µg/L | EPA 200.8 | 0.07 | 2 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup | 3/30/2010 | Metal | Arsenic | Total | = | 58.8 | µg/L | EPA 200.8 | 0.07 | 2 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup, rec | 3/30/2010 | Metal | Arsenic | Total | = | 108 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, rec | 3/30/2010 | Metal | Arsenic | Total | = | 104 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | MO-VEN | matrix spike, RPD | 3/30/2010 | Metal | Arsenic | Total | = | 3 | % | EPA 200.8 | -88 | -88 | 0 | 30 | D |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Barium | Total | = | 48.9 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Barium | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Barium | Total | < | 0.024 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/30/2010 | Metal | Barium | Total | = | 92.7 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/30/2010 | Metal | Barium | Total | = | 91.8 | µg/L | EPA 200.8 | 0.024 | 0.5 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/30/2010 | Metal | Barium | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/30/2010 | Metal | Barium | Total | = | 100 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/30/2010 | Metal | Barium | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | MO-VEN | matrix spike | 3/30/2010 | Metal | Barium | Total | = | 92.8 | µg/L | EPA 200.8 | 0.12 | 2.5 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup | 3/30/2010 | Metal | Barium | Total | = | 94 | µg/L | EPA 200.8 | 0.12 | 2.5 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup, rec | 3/30/2010 | Metal | Barium | Total | = | 100 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, rec | 3/30/2010 | Metal | Barium | Total | = | 98 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, RPD | 3/30/2010 | Metal | Barium | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | D |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Beryllium | Dissolved | = | 48.3 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Beryllium | Dissolved | = | 97 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Beryllium | Total | = | 48.3 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Beryllium | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Beryllium | Total | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/30/2010 | Metal | Beryllium | Total | = | 41.5 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/30/2010 | Metal | Beryllium | Total | = | 40 | µg/L | EPA 200.8 | 0.022 | 0.1 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/30/2010 | Metal | Beryllium | Total | = | 80 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/30/2010 | Metal | Beryllium | Total | = | 83 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/30/2010 | Metal | Beryllium | Total | = | 4 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | MO-VEN | matrix spike | 3/30/2010 | Metal | Beryllium | Total | = | 36 | µg/L | EPA 200.8 | 0.11 | 0.5 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup | 3/30/2010 | Metal | Beryllium | Total | = | 36.8 | µg/L | EPA 200.8 | 0.11 | 0.5 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup, rec | 3/30/2010 | Metal | Beryllium | Total | = | 74 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, rec | 3/30/2010 | Metal | Beryllium | Total | = | 72 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, RPD | 3/30/2010 | Metal | Beryllium | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | D |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Cadmium | Dissolved | = | 50.9 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Cadmium | Dissolved | = | 102 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Cadmium | Dissolved | < | 0.013 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Cadmium | Total | = | 50.9 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Cadmium | Total | = | 102 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Cadmium | Total | < | 0.013 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/30/2010 | Metal | Cadmium | Total | = | 44.5 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/30/2010 | Metal | Cadmium | Total | = | 44.5 | µg/L | EPA 200.8 | 0.013 | 0.1 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/30/2010 | Metal | Cadmium | Total | = | 88 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/30/2010 | Metal | Cadmium | Total | = | 88 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/30/2010 | Metal | Cadmium | Total | = | 0.006 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | MO-VEN | matrix spike | 3/30/2010 | Metal | Cadmium | Total | = | 46.7 | µg/L | EPA 200.8 | 0.065 | 0.5 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup | 3/30/2010 | Metal | Cadmium | Total | = | 47 | µg/L | EPA 200.8 | 0.065 | 0.5 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup, rec | 3/30/2010 | Metal | Cadmium | Total | = | 94 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, rec | 3/30/2010 | Metal | Cadmium | Total | = | 93 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, RPD | 3/30/2010 | Metal | Cadmium | Total | = | 0.5 | % | EPA 200.8 | -88 | -88 | 0 | 30 | D |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Chromium | Dissolved | = | 50 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|--------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Chromium | Dissolved | = | 100 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Chromium | Dissolved | < | 0.012 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Chromium | Total | = | 50 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Chromium | Total | = | 100 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Chromium | Total | < | 0.012 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/30/2010 | Metal | Chromium | Total | = | 55.3 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/30/2010 | Metal | Chromium | Total | = | 54.5 | µg/L | EPA 200.8 | 0.012 | 0.2 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/30/2010 | Metal | Chromium | Total | = | 107 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/30/2010 | Metal | Chromium | Total | = | 108 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/30/2010 | Metal | Chromium | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | MO-VEN | matrix spike | 3/30/2010 | Metal | Chromium | Total | = | 54.9 | µg/L | EPA 200.8 | 0.06 | 1 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup | 3/30/2010 | Metal | Chromium | Total | = | 54.8 | µg/L | EPA 200.8 | 0.06 | 1 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup, rec | 3/30/2010 | Metal | Chromium | Total | = | 108 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, rec | 3/30/2010 | Metal | Chromium | Total | = | 109 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, RPD | 3/30/2010 | Metal | Chromium | Total | = | 0.1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | D |
| 2009/10-4 | Lab | LCS | 3/19/2010 | Metal | Chromium VI | n/a | = | 4.98 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/19/2010 | Metal | Chromium VI | n/a | = | 100 | % | EPA 218.6 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | Lab | method blank | 3/19/2010 | Metal | Chromium VI | n/a | < | 0.0059 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/19/2010 | Metal | Chromium VI | n/a | = | 5.36 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/19/2010 | Metal | Chromium VI | n/a | = | 5.33 | µg/L | EPA 218.6 | 0.0059 | 0.3 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/19/2010 | Metal | Chromium VI | n/a | = | 99 | % | EPA 218.6 | -88 | -88 | 88 | 112 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/19/2010 | Metal | Chromium VI | n/a | = | 100 | % | EPA 218.6 | -88 | -88 | 88 | 112 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/19/2010 | Metal | Chromium VI | n/a | = | 0.5 | % | EPA 218.6 | -88 | -88 | 0 | 10 | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Copper | Dissolved | = | 51 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Copper | Dissolved | = | 102 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Copper | Dissolved | DNQ | 0.0262 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Copper | Total | = | 51 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Copper | Total | = | 102 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Copper | Total | DNQ | 0.0262 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/30/2010 | Metal | Copper | Total | = | 56.4 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/30/2010 | Metal | Copper | Total | = | 55.9 | µg/L | EPA 200.8 | 0.022 | 0.5 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/30/2010 | Metal | Copper | Total | = | 103 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/30/2010 | Metal | Copper | Total | = | 104 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/30/2010 | Metal | Copper | Total | = | 0.8 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | MO-VEN | matrix spike | 3/30/2010 | Metal | Copper | Total | = | 96.6 | µg/L | EPA 200.8 | 0.11 | 2.5 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup | 3/30/2010 | Metal | Copper | Total | = | 98.1 | µg/L | EPA 200.8 | 0.11 | 2.5 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup, rec | 3/30/2010 | Metal | Copper | Total | = | 100 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, rec | 3/30/2010 | Metal | Copper | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, RPD | 3/30/2010 | Metal | Copper | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | D |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Iron | Dissolved | = | 1180 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Iron | Dissolved | = | 112 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Iron | Dissolved | < | 0.6 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Iron | Total | = | 1180 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Iron | Total | = | 112 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Iron | Total | < | 0.6 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/30/2010 | Metal | Iron | Total | = | 1580 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/30/2010 | Metal | Iron | Total | = | 1730 | µg/L | EPA 200.8 | 0.6 | 20 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/30/2010 | Metal | Iron | Total | = | 137 | % | EPA 200.8 | -88 | -88 | 70 | 130 | GB |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/30/2010 | Metal | Iron | Total | = | 122 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/30/2010 | Metal | Iron | Total | = | 10 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | MO-VEN | matrix spike | 3/30/2010 | Metal | Iron | Total | = | 1390 | µg/L | EPA 200.8 | 3 | 100 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup | 3/30/2010 | Metal | Iron | Total | = | 1410 | µg/L | EPA 200.8 | 3 | 100 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup, rec | 3/30/2010 | Metal | Iron | Total | = | 118 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, rec | 3/30/2010 | Metal | Iron | Total | = | 116 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, RPD | 3/30/2010 | Metal | Iron | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | D |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Lead | Dissolved | = | 47.7 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Lead | Dissolved | = | 95 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Lead | Dissolved | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Lead | Total | = | 47.7 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Lead | Total | = | 95 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Lead | Total | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.2 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/30/2010 | Metal | Lead | Total | = | 48.3 | µg/L | EPA 200.8 | 0.034 | 0.4 | | | D |
| 2009/10-4 | ME-CC | matrix spike dup | 3/30/2010 | Metal | Lead | Total | = | 48.5 | µg/L | EPA 200.8 | 0.034 | 0.4 | | | D |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/30/2010 | Metal | Lead | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/30/2010 | Metal | Lead | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/30/2010 | Metal | Lead | Total | = | 0.5 | % | EPA 200.8 | -88 | -88 | 0 | 30 | D |
| 2009/10-4 | MO-VEN | matrix spike | 3/30/2010 | Metal | Lead | Total | = | 53.9 | µg/L | EPA 200.8 | 0.085 | 1 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup | 3/30/2010 | Metal | Lead | Total | = | 54 | µg/L | EPA 200.8 | 0.085 | 1 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup, rec | 3/30/2010 | Metal | Lead | Total | = | 107 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, rec | 3/30/2010 | Metal | Lead | Total | = | 106 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, RPD | 3/30/2010 | Metal | Lead | Total | = | 0.2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | D |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Mercury | Dissolved | = | 1020 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Mercury | Dissolved | = | 102 | % | EPA 245.1 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Mercury | Dissolved | DNQ | 44 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike | 3/24/2010 | Metal | Mercury | Total | = | 1030 | ng/L | EPA 245.1 | 3.9 | 50 | | | |
| 2009/10-4 | 000NONPJ | matrix spike dup | 3/24/2010 | Metal | Mercury | Total | = | 1030 | ng/L | EPA 245.1 | 3.9 | 50 | | | |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 3/24/2010 | Metal | Mercury | Total | = | 101 | % | EPA 245.1 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 3/24/2010 | Metal | Mercury | Total | = | 101 | % | EPA 245.1 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 3/24/2010 | Metal | Mercury | Total | = | 0 | % | EPA 245.1 | -88 | -88 | 0 | 20 | |
| 2009/10-4 | 000NONPJ | matrix spike | 3/30/2010 | Metal | Mercury | Total | = | 1010 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup | 3/30/2010 | Metal | Mercury | Total | = | 1010 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 3/30/2010 | Metal | Mercury | Total | = | 97 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 3/30/2010 | Metal | Mercury | Total | = | 97 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 3/30/2010 | Metal | Mercury | Total | = | 0 | % | EPA 245.1 | -88 | -88 | 0 | 20 | X |
| 2009/10-4 | Lab | LCS | 3/24/2010 | Metal | Mercury | Total | = | 1030 | ng/L | EPA 245.1 | 3.9 | 50 | | | |
| 2009/10-4 | Lab | LCS, rec | 3/24/2010 | Metal | Mercury | Total | = | 103 | % | EPA 245.1 | -88 | -88 | 85 | 115 | |
| 2009/10-4 | Lab | method blank | 3/24/2010 | Metal | Mercury | Total | DNQ | 19 | ng/L | EPA 245.1 | 3.9 | 50 | | | |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Mercury | Total | = | 1020 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Mercury | Total | = | 102 | % | EPA 245.1 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Mercury | Total | DNQ | 44 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-4 | ME-VR2 | matrix spike | 3/30/2010 | Metal | Mercury | Total | = | 1040 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-4 | ME-VR2 | matrix spike dup | 3/30/2010 | Metal | Mercury | Total | = | 1060 | ng/L | EPA 245.1 | 3.9 | 50 | | | X |
| 2009/10-4 | ME-VR2 | matrix spike dup, rec | 3/30/2010 | Metal | Mercury | Total | = | 101 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-VR2 | matrix spike, rec | 3/30/2010 | Metal | Mercury | Total | = | 99 | % | EPA 245.1 | -88 | -88 | 70 | 130 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | ME-VR2 | matrix spike, RPD | 3/30/2010 | Metal | Mercury | Total | = | 2 | % | EPA 245.1 | -88 | -88 | 0 | 20 | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Nickel | Dissolved | = | 51.2 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Nickel | Dissolved | = | 102 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Nickel | Dissolved | < | 0.011 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Nickel | Total | = | 51.2 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Nickel | Total | = | 102 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Nickel | Total | < | 0.011 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/30/2010 | Metal | Nickel | Total | = | 57.9 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/30/2010 | Metal | Nickel | Total | = | 58.4 | µg/L | EPA 200.8 | 0.011 | 0.8 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/30/2010 | Metal | Nickel | Total | = | 102 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/30/2010 | Metal | Nickel | Total | = | 102 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/30/2010 | Metal | Nickel | Total | = | 0.8 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | MO-VEN | matrix spike | 3/30/2010 | Metal | Nickel | Total | = | 59.3 | µg/L | EPA 200.8 | 0.055 | 4 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup | 3/30/2010 | Metal | Nickel | Total | = | 58.7 | µg/L | EPA 200.8 | 0.055 | 4 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup, rec | 3/30/2010 | Metal | Nickel | Total | = | 85 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, rec | 3/30/2010 | Metal | Nickel | Total | = | 86 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, RPD | 3/30/2010 | Metal | Nickel | Total | = | 1 | % | EPA 200.8 | -88 | -88 | 0 | 30 | D |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Selenium | Dissolved | = | 56.1 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Selenium | Dissolved | = | 112 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Selenium | Dissolved | DNQ | 0.0178 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Selenium | Total | = | 56.1 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Selenium | Total | = | 112 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Selenium | Total | DNQ | 0.0178 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/30/2010 | Metal | Selenium | Total | = | 48 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/30/2010 | Metal | Selenium | Total | = | 46.2 | µg/L | EPA 200.8 | 0.017 | 0.4 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/30/2010 | Metal | Selenium | Total | = | 89 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/30/2010 | Metal | Selenium | Total | = | 93 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/30/2010 | Metal | Selenium | Total | = | 4 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | MO-VEN | matrix spike | 3/30/2010 | Metal | Selenium | Total | = | 61.4 | µg/L | EPA 200.8 | 0.085 | 2 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup | 3/30/2010 | Metal | Selenium | Total | = | 61.7 | µg/L | EPA 200.8 | 0.085 | 2 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup, rec | 3/30/2010 | Metal | Selenium | Total | = | 101 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, rec | 3/30/2010 | Metal | Selenium | Total | = | 100 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, RPD | 3/30/2010 | Metal | Selenium | Total | = | 0.6 | % | EPA 200.8 | -88 | -88 | 0 | 30 | D |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Silver | Dissolved | = | 49.4 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Silver | Dissolved | = | 99 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Silver | Dissolved | DNQ | 0.0089 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Silver | Total | = | 49.4 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Silver | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Silver | Total | DNQ | 0.0089 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/30/2010 | Metal | Silver | Total | = | 46.2 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/30/2010 | Metal | Silver | Total | = | 45.9 | µg/L | EPA 200.8 | 0.008 | 0.2 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/30/2010 | Metal | Silver | Total | = | 92 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/30/2010 | Metal | Silver | Total | = | 92 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/30/2010 | Metal | Silver | Total | = | 0.8 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | MO-VEN | matrix spike | 3/30/2010 | Metal | Silver | Total | = | 48.1 | µg/L | EPA 200.8 | 0.04 | 1 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup | 3/30/2010 | Metal | Silver | Total | = | 48.3 | µg/L | EPA 200.8 | 0.04 | 1 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup, rec | 3/30/2010 | Metal | Silver | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|--------------|-----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | MO-VEN | matrix spike, rec | 3/30/2010 | Metal | Silver | Total | = | 96 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, RPD | 3/30/2010 | Metal | Silver | Total | = | 0.5 | % | EPA 200.8 | -88 | -88 | 0 | 30 | D |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Thallium | Dissolved | = | 48.6 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Thallium | Dissolved | = | 97 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Thallium | Total | = | 48.6 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Thallium | Total | = | 97 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/30/2010 | Metal | Thallium | Total | = | 49.3 | µg/L | EPA 200.8 | 0.04 | 0.4 | | | D |
| 2009/10-4 | ME-CC | matrix spike dup | 3/30/2010 | Metal | Thallium | Total | = | 49.4 | µg/L | EPA 200.8 | 0.04 | 0.4 | | | D |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/30/2010 | Metal | Thallium | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/30/2010 | Metal | Thallium | Total | = | 99 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/30/2010 | Metal | Thallium | Total | = | 0.2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | D |
| 2009/10-4 | MO-VEN | matrix spike | 3/30/2010 | Metal | Thallium | Total | = | 54.7 | µg/L | EPA 200.8 | 0.1 | 1 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup | 3/30/2010 | Metal | Thallium | Total | = | 55.2 | µg/L | EPA 200.8 | 0.1 | 1 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup, rec | 3/30/2010 | Metal | Thallium | Total | = | 110 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, rec | 3/30/2010 | Metal | Thallium | Total | = | 109 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, RPD | 3/30/2010 | Metal | Thallium | Total | = | 0.9 | % | EPA 200.8 | -88 | -88 | 0 | 30 | D |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Zinc | Dissolved | = | 54.3 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Zinc | Dissolved | = | 109 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Zinc | Dissolved | < | 0.3 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Metal | Zinc | Total | = | 54.3 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Metal | Zinc | Total | = | 109 | % | EPA 200.8 | -88 | -88 | 85 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Metal | Zinc | Total | < | 0.3 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/30/2010 | Metal | Zinc | Total | = | 56.4 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/30/2010 | Metal | Zinc | Total | = | 57.4 | µg/L | EPA 200.8 | 0.3 | 5 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/30/2010 | Metal | Zinc | Total | = | 82 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/30/2010 | Metal | Zinc | Total | = | 80 | % | EPA 200.8 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/30/2010 | Metal | Zinc | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | MO-VEN | matrix spike | 3/30/2010 | Metal | Zinc | Total | = | 54.6 | µg/L | EPA 200.8 | 1.5 | 25 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup | 3/30/2010 | Metal | Zinc | Total | = | 55.7 | µg/L | EPA 200.8 | 1.5 | 25 | | | D |
| 2009/10-4 | MO-VEN | matrix spike dup, rec | 3/30/2010 | Metal | Zinc | Total | = | 79 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, rec | 3/30/2010 | Metal | Zinc | Total | = | 77 | % | EPA 200.8 | -88 | -88 | 70 | 130 | D |
| 2009/10-4 | MO-VEN | matrix spike, RPD | 3/30/2010 | Metal | Zinc | Total | = | 2 | % | EPA 200.8 | -88 | -88 | 0 | 30 | D |
| 2009/10-4 | 000NONPJ | matrix spike | 3/26/2010 | Nutrient | Ammonia as N | n/a | = | 1.04 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike | 3/26/2010 | Nutrient | Ammonia as N | n/a | = | 1.01 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup | 3/26/2010 | Nutrient | Ammonia as N | n/a | = | 1.06 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup | 3/26/2010 | Nutrient | Ammonia as N | n/a | = | 1.03 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 3/26/2010 | Nutrient | Ammonia as N | n/a | = | 98 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 3/26/2010 | Nutrient | Ammonia as N | n/a | = | 101 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 3/26/2010 | Nutrient | Ammonia as N | n/a | = | 99 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 3/26/2010 | Nutrient | Ammonia as N | n/a | = | 96 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 3/26/2010 | Nutrient | Ammonia as N | n/a | = | 5 | % | EPA 350.1 | -88 | -88 | 0 | 10 | X |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 3/26/2010 | Nutrient | Ammonia as N | n/a | = | 1 | % | EPA 350.1 | -88 | -88 | 0 | 10 | X |
| 2009/10-4 | 000NONPJ | matrix spike | 4/1/2010 | Nutrient | Ammonia as N | n/a | = | 1.26 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike | 4/1/2010 | Nutrient | Ammonia as N | n/a | = | 0.998 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup | 4/1/2010 | Nutrient | Ammonia as N | n/a | = | 1.24 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|------------------------|----------|------|--------|-------|-----------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | 000NONPJ | matrix spike dup | 4/1/2010 | Nutrient | Ammonia as N | n/a | = | 1.05 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 4/1/2010 | Nutrient | Ammonia as N | n/a | = | 96 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 4/1/2010 | Nutrient | Ammonia as N | n/a | = | 100 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 4/1/2010 | Nutrient | Ammonia as N | n/a | = | 94 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 4/1/2010 | Nutrient | Ammonia as N | n/a | = | 98 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 4/1/2010 | Nutrient | Ammonia as N | n/a | = | 2 | % | EPA 350.1 | -88 | -88 | 0 | 10 | X |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 4/1/2010 | Nutrient | Ammonia as N | n/a | = | 5 | % | EPA 350.1 | -88 | -88 | 0 | 10 | X |
| 2009/10-4 | 000NONPJ | matrix spike | 4/8/2010 | Nutrient | Ammonia as N | n/a | = | 1.31 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup | 4/8/2010 | Nutrient | Ammonia as N | n/a | = | 1.24 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 4/8/2010 | Nutrient | Ammonia as N | n/a | = | 96 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 4/8/2010 | Nutrient | Ammonia as N | n/a | = | 103 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 4/8/2010 | Nutrient | Ammonia as N | n/a | = | 5 | % | EPA 350.1 | -88 | -88 | 0 | 10 | X |
| 2009/10-4 | Lab | LCS | 3/26/2010 | Nutrient | Ammonia as N | n/a | = | 1.21 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/26/2010 | Nutrient | Ammonia as N | n/a | = | 121 | % | EPA 350.1 | -88 | -88 | 90 | 110 | EUM |
| 2009/10-4 | Lab | method blank | 3/26/2010 | Nutrient | Ammonia as N | n/a | < | 0.048 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS | 4/1/2010 | Nutrient | Ammonia as N | n/a | = | 0.997 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/1/2010 | Nutrient | Ammonia as N | n/a | = | 100 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | Lab | method blank | 4/1/2010 | Nutrient | Ammonia as N | n/a | < | 0.048 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS | 4/8/2010 | Nutrient | Ammonia as N | n/a | = | 1.04 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/8/2010 | Nutrient | Ammonia as N | n/a | = | 104 | % | EPA 350.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | Lab | method blank | 4/8/2010 | Nutrient | Ammonia as N | n/a | < | 0.048 | mg/L | EPA 350.1 | 0.048 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike | 3/19/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 8.65 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike | 3/19/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 8.67 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup | 3/19/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 8.82 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup | 3/19/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 8.62 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 3/19/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 103 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 3/19/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 103 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 3/19/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 95 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 3/19/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 106 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 3/19/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 2 | % | EPA 353.2 | -88 | -88 | 0 | 20 | X |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 3/19/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 0.6 | % | EPA 353.2 | -88 | -88 | 0 | 20 | X |
| 2009/10-4 | Lab | LCS | 3/19/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 1.07 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/19/2010 | Nutrient | Nitrate + Nitrite as N | n/a | = | 107 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | Lab | method blank | 3/19/2010 | Nutrient | Nitrate + Nitrite as N | n/a | < | 0.033 | mg/L | EPA 353.2 | 0.033 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike | 3/19/2010 | Nutrient | Nitrate as N | n/a | = | 8.67 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike | 3/19/2010 | Nutrient | Nitrate as N | n/a | = | 8.65 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup | 3/19/2010 | Nutrient | Nitrate as N | n/a | = | 8.62 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup | 3/19/2010 | Nutrient | Nitrate as N | n/a | = | 8.82 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 3/19/2010 | Nutrient | Nitrate as N | n/a | = | 103 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 3/19/2010 | Nutrient | Nitrate as N | n/a | = | 103 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 3/19/2010 | Nutrient | Nitrate as N | n/a | = | 95 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 3/19/2010 | Nutrient | Nitrate as N | n/a | = | 106 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 3/19/2010 | Nutrient | Nitrate as N | n/a | = | 2 | % | EPA 353.2 | -88 | -88 | 0 | 20 | X |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 3/19/2010 | Nutrient | Nitrate as N | n/a | = | 0.6 | % | EPA 353.2 | -88 | -88 | 0 | 20 | X |
| 2009/10-4 | Lab | LCS | 3/19/2010 | Nutrient | Nitrate as N | n/a | = | 1.07 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/19/2010 | Nutrient | Nitrate as N | n/a | = | 107 | % | EPA 353.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | Lab | method blank | 3/19/2010 | Nutrient | Nitrate as N | n/a | < | 0.022 | mg/L | EPA 353.2 | 0.022 | 0.1 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|------------------------|-----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | Lab | LCS | 3/29/2010 | Nutrient | Phosphorus as P | Dissolved | = | 0.0459 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/29/2010 | Nutrient | Phosphorus as P | Dissolved | = | 92 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | Lab | method blank | 3/29/2010 | Nutrient | Phosphorus as P | Dissolved | DNQ | 0.0015 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike | 3/29/2010 | Nutrient | Phosphorus as P | Total | = | 0.35 | mg/L | EPA 365.1 | 0.0028 | 0.02 | | | D |
| 2009/10-4 | 000NONPJ | matrix spike | 3/29/2010 | Nutrient | Phosphorus as P | Total | = | 0.202 | mg/L | EPA 365.1 | 0.0028 | 0.02 | | | D |
| 2009/10-4 | 000NONPJ | matrix spike dup | 3/29/2010 | Nutrient | Phosphorus as P | Total | = | 0.352 | mg/L | EPA 365.1 | 0.0028 | 0.02 | | | D |
| 2009/10-4 | 000NONPJ | matrix spike dup | 3/29/2010 | Nutrient | Phosphorus as P | Total | = | 0.202 | mg/L | EPA 365.1 | 0.0028 | 0.02 | | | D |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 3/29/2010 | Nutrient | Phosphorus as P | Total | = | 88 | % | EPA 365.1 | -88 | -88 | 90 | 110 | D,GB |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 3/29/2010 | Nutrient | Phosphorus as P | Total | = | 76 | % | EPA 365.1 | -88 | -88 | 90 | 110 | D,GB |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 3/29/2010 | Nutrient | Phosphorus as P | Total | = | 84 | % | EPA 365.1 | -88 | -88 | 90 | 110 | D,GB |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 3/29/2010 | Nutrient | Phosphorus as P | Total | = | 76 | % | EPA 365.1 | -88 | -88 | 90 | 110 | D,GB |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 3/29/2010 | Nutrient | Phosphorus as P | Total | = | 0.6 | % | EPA 365.1 | -88 | -88 | 0 | 10 | D |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 3/29/2010 | Nutrient | Phosphorus as P | Total | = | 0 | % | EPA 365.1 | -88 | -88 | 0 | 10 | D |
| 2009/10-4 | Lab | LCS | 3/29/2010 | Nutrient | Phosphorus as P | Total | = | 0.0459 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/29/2010 | Nutrient | Phosphorus as P | Total | = | 92 | % | EPA 365.1 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | Lab | method blank | 3/29/2010 | Nutrient | Phosphorus as P | Total | DNQ | 0.0015 | mg/L | EPA 365.1 | 0.0014 | 0.01 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike | 3/30/2010 | Nutrient | TKN | n/a | = | 1.33 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup | 3/30/2010 | Nutrient | TKN | n/a | = | 1.32 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 3/30/2010 | Nutrient | TKN | n/a | = | 101 | % | EPA 351.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 3/30/2010 | Nutrient | TKN | n/a | = | 102 | % | EPA 351.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 3/30/2010 | Nutrient | TKN | n/a | = | 0.8 | % | EPA 351.2 | -88 | -88 | 0 | 15 | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Nutrient | TKN | n/a | = | 1.09 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Nutrient | TKN | n/a | = | 109 | % | EPA 351.2 | -88 | -88 | 90 | 110 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Nutrient | TKN | n/a | < | 0.074 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |
| 2009/10-4 | MO-MEI | matrix spike | 3/30/2010 | Nutrient | TKN | n/a | = | 2.42 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |
| 2009/10-4 | MO-MEI | matrix spike dup | 3/30/2010 | Nutrient | TKN | n/a | = | 2.36 | mg/L | EPA 351.2 | 0.074 | 0.1 | | | X |
| 2009/10-4 | MO-MEI | matrix spike dup, rec | 3/30/2010 | Nutrient | TKN | n/a | = | 117 | % | EPA 351.2 | -88 | -88 | 90 | 110 | GB |
| 2009/10-4 | MO-MEI | matrix spike, rec | 3/30/2010 | Nutrient | TKN | n/a | = | 123 | % | EPA 351.2 | -88 | -88 | 90 | 110 | GB |
| 2009/10-4 | MO-MEI | matrix spike, RPD | 3/30/2010 | Nutrient | TKN | n/a | = | 3 | % | EPA 351.2 | -88 | -88 | 0 | 15 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 2.95 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 59 | % | EPA 625 | -88 | -88 | 44 | 142 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 3.18 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 3.46 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 69 | % | EPA 625 | -88 | -88 | 44 | 142 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 64 | % | EPA 625 | -88 | -88 | 44 | 142 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 8 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 3.2 | µg/L | EPA 625 | 0.3 | 2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 64 | % | EPA 625 | -88 | -88 | 32 | 129 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 3.45 | µg/L | EPA 625 | 0.3 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 3.78 | µg/L | EPA 625 | 0.3 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 76 | % | EPA 625 | -88 | -88 | 32 | 129 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 69 | % | EPA 625 | -88 | -88 | 32 | 129 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | 1,2-Dichlorobenzene | n/a | = | 9 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | srgt LCS | 3/19/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.4 | µg/L | EPA 524.2 | 0 | 0 | | | |
| 2009/10-4 | Lab | srgt LCS dup | 3/19/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.5 | µg/L | EPA 524.2 | 0 | 0 | | | |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|-----------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | Lab | srgt LCS dup, rec | 3/19/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 105 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | Lab | srgt LCS, rec | 3/19/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 104 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | Lab | srgt method blank | 3/19/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 8.92 | µg/L | EPA 524.2 | 0 | 0 | | | |
| 2009/10-4 | Lab | srgt method blank, rec | 3/19/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 89 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | ME-CC | srgt environ | 3/19/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 9.8 | µg/L | EPA 524.2 | 0 | 0 | | | |
| 2009/10-4 | ME-CC | srgt environ, rec | 3/19/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 98 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | ME-SCR | srgt environ | 3/19/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 9.64 | µg/L | EPA 524.2 | 0 | 0 | | | |
| 2009/10-4 | ME-SCR | srgt environ, rec | 3/19/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 96 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | ME-VR2 | srgt environ | 3/19/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 9.83 | µg/L | EPA 524.2 | 0 | 0 | | | |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 3/19/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 98 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | MO-CAM | srgt environ | 3/19/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.8 | µg/L | EPA 524.2 | 0 | 0 | | | |
| 2009/10-4 | MO-CAM | srgt environ, rec | 3/19/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 108 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | MO-MEI | srgt environ | 3/20/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 9.29 | µg/L | EPA 524.2 | 0 | 0 | | | |
| 2009/10-4 | MO-MEI | srgt environ, rec | 3/20/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 93 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | MO-OJA | srgt environ | 3/19/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 9.7 | µg/L | EPA 524.2 | 0 | 0 | | | |
| 2009/10-4 | MO-OJA | srgt environ, rec | 3/19/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 97 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | MO-VEN | srgt environ | 3/20/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 10.3 | µg/L | EPA 524.2 | 0 | 0 | | | |
| 2009/10-4 | MO-VEN | srgt environ, rec | 3/20/2010 | Organic | 1,2-Dichlorobenzene-d4 | n/a | = | 103 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | | | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 3.21 | µg/L | EPA 625 | 0.36 | 2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 64 | % | EPA 625 | -88 | -88 | 0.1 | 172 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 3.49 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 3.71 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 74 | % | EPA 625 | -88 | -88 | 0.1 | 172 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 70 | % | EPA 625 | -88 | -88 | 0.1 | 172 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | 1,3-Dichlorobenzene | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | srgt LCS | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.87 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt LCS, rec | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-4 | Lab | srgt method blank | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 5.02 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt method blank, rec | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-4 | Lab | srgt LCS | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.515 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt LCS, rec | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 103 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-4 | Lab | srgt method blank | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.46 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt method blank, rec | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 92 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-4 | ME-CC | srgt environ | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.86 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-CC | srgt environ, rec | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-4 | ME-CC | srgt environ | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.629 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-CC | srgt environ, rec | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 126 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-4 | ME-SCR | srgt environ | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.89 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt environ, rec | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 98 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-4 | ME-SCR | srgt matrix spike | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 5.26 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt matrix spike dup | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.93 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt matrix spike dup, rec | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-4 | ME-SCR | srgt matrix spike, rec | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 105 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-4 | ME-SCR | srgt environ | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.732 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt environ, rec | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 146 | % | EPA 525.2 | -88 | -88 | 73 | 136 | GN |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | ME-SCR | srgt matrix spike | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.592 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt matrix spike dup | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.689 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt matrix spike dup, rec | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 138 | % | EPA 525.2 | -88 | -88 | 73 | 136 | GN |
| 2009/10-4 | ME-SCR | srgt matrix spike, rec | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 118 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-4 | ME-VR2 | srgt environ | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.87 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-4 | ME-VR2 | srgt environ | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.654 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 131 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-4 | MO-CAM | srgt environ | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 1.5 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | MO-CAM | srgt environ, rec | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 30 | % | EPA 525.2 | -88 | -88 | 73 | 136 | GN |
| 2009/10-4 | MO-CAM | srgt environ | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.356 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | MO-CAM | srgt environ, rec | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 71 | % | EPA 525.2 | -88 | -88 | 73 | 136 | GN |
| 2009/10-4 | MO-MEI | srgt environ | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.92 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | MO-MEI | srgt environ, rec | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 98 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-4 | MO-MEI | srgt environ | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.813 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | MO-MEI | srgt environ, rec | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 163 | % | EPA 525.2 | -88 | -88 | 73 | 136 | GN |
| 2009/10-4 | MO-OJA | srgt environ | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 5.14 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt environ, rec | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 103 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-4 | MO-OJA | srgt environ | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.839 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt environ, rec | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 168 | % | EPA 525.2 | -88 | -88 | 73 | 136 | GN |
| 2009/10-4 | MO-VEN | srgt environ | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 4.52 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | MO-VEN | srgt environ, rec | 3/25/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 90 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-4 | MO-VEN | srgt environ | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 0.538 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | MO-VEN | srgt environ, rec | 4/12/2010 | Organic | 1,3-Dimethyl-2-nitrobenzene | n/a | = | 108 | % | EPA 525.2 | -88 | -88 | 73 | 136 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 3.24 | µg/L | EPA 625 | 0.32 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 65 | % | EPA 625 | -88 | -88 | 20 | 124 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 3.41 | µg/L | EPA 625 | 0.32 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 3.62 | µg/L | EPA 625 | 0.32 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 72 | % | EPA 625 | -88 | -88 | 20 | 124 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 68 | % | EPA 625 | -88 | -88 | 20 | 124 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | 1,4-Dichlorobenzene | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | method blank | 3/24/2010 | Organic | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | | | X |
| 2009/10-4 | Lab | srgt LCS | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 15.2 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt LCS, rec | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 76 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-4 | Lab | srgt method blank | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 13.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt method blank, rec | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 67 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-4 | Lab | srgt LCS | 3/24/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 16.8 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt LCS, rec | 3/24/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 84 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-4 | Lab | srgt method blank | 3/24/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 15.3 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt method blank, rec | 3/24/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 76 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-4 | ME-CC | srgt environ | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 16.4 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | ME-CC | srgt environ, rec | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 82 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-4 | ME-CC | srgt environ | 3/24/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 18.2 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | ME-CC | srgt environ, rec | 3/24/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 91 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-4 | ME-SCR | srgt environ | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 16.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt environ, rec | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 82 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|-------------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | ME-SCR | srgt environ | 3/24/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 18.5 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt environ, rec | 3/24/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 92 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-4 | ME-VR2 | srgt environ | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 15.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 79 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-4 | ME-VR2 | srgt environ | 3/24/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 17.3 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 3/24/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 86 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-4 | MO-CAM | srgt environ | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 14.8 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-CAM | srgt environ, rec | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 74 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-4 | MO-CAM | srgt environ | 3/25/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 15.6 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-CAM | srgt environ, rec | 3/25/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 78 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-4 | MO-MEI | srgt environ | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 11.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-MEI | srgt environ, rec | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 57 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-4 | MO-MEI | srgt environ | 3/25/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 13.4 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-MEI | srgt environ, rec | 3/25/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 67 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-4 | MO-OJA | srgt environ | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 16.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt environ, rec | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 83 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 15.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 15.8 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup, rec | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 79 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike, rec | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 78 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike | 3/24/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 17.5 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup | 3/24/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 17.3 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup, rec | 3/24/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 86 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike, rec | 3/24/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 88 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-4 | MO-OJA | srgt environ | 3/25/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 19.2 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt environ, rec | 3/25/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 96 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-4 | MO-VEN | srgt environ | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 11.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-VEN | srgt environ, rec | 3/22/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 55 | % | EPA 625 | -88 | -88 | 0.1 | 157 | X |
| 2009/10-4 | MO-VEN | srgt environ | 3/25/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 11.5 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-VEN | srgt environ, rec | 3/25/2010 | Organic | 2,4,6-Tribromophenol | n/a | = | 57 | % | EPA 8270Cm | -88 | -88 | 44 | 115 | X |
| 2009/10-4 | Lab | LCS | 3/24/2010 | Organic | 2,4,6-Trichlorophenol | n/a | = | 4.17 | µg/L | EPA 8270Cm | 0.3 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/24/2010 | Organic | 2,4,6-Trichlorophenol | n/a | = | 83 | % | EPA 8270Cm | -88 | -88 | 39 | 125 | X |
| 2009/10-4 | Lab | method blank | 3/24/2010 | Organic | 2,4,6-Trichlorophenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | | | X |
| 2009/10-4 | Lab | LCS | 3/24/2010 | Organic | 2,4-Dichlorophenol | n/a | = | 3.74 | µg/L | EPA 8270Cm | 0.51 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/24/2010 | Organic | 2,4-Dichlorophenol | n/a | = | 75 | % | EPA 8270Cm | -88 | -88 | 60 | 116 | X |
| 2009/10-4 | Lab | method blank | 3/24/2010 | Organic | 2,4-Dichlorophenol | n/a | < | 0.51 | µg/L | EPA 8270Cm | 0.51 | 1 | | | X |
| 2009/10-4 | Lab | srgt LCS | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 11.5 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt LCS, rec | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 115 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | Lab | srgt method blank | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 14.4 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt method blank, rec | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 144 | % | EPA 515.3 | -88 | -88 | 70 | 130 | GN |
| 2009/10-4 | ME-CC | srgt environ | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 12 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-4 | ME-CC | srgt environ, rec | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 120 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | srgt matrix spike | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 11.4 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-4 | ME-CC | srgt matrix spike dup | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 11.2 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-4 | ME-CC | srgt matrix spike dup, rec | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 112 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | srgt matrix spike, rec | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 114 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-SCR | srgt environ | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 12.3 | µg/L | EPA 515.3 | -88 | -88 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-------------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | ME-SCR | srgt environ, rec | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 123 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-VR2 | srgt environ | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 13.7 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 137 | % | EPA 515.3 | -88 | -88 | 70 | 130 | GN |
| 2009/10-4 | MO-CAM | srgt environ | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 10.7 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-4 | MO-CAM | srgt environ, rec | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 107 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | MO-MEI | srgt environ | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 11.2 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-4 | MO-MEI | srgt environ, rec | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 112 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | MO-OJA | srgt environ | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 13.2 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt environ, rec | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 132 | % | EPA 515.3 | -88 | -88 | 70 | 130 | GN |
| 2009/10-4 | MO-VEN | srgt environ | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 10.8 | µg/L | EPA 515.3 | -88 | -88 | | | X |
| 2009/10-4 | MO-VEN | srgt environ, rec | 3/26/2010 | Organic | 2,4-Dichlorophenylacetic acid | n/a | = | 108 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | Lab | LCS | 3/24/2010 | Organic | 2,4-Dimethylphenol | n/a | = | 2.62 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/24/2010 | Organic | 2,4-Dimethylphenol | n/a | = | 52 | % | EPA 8270Cm | -88 | -88 | 2 | 117 | X |
| 2009/10-4 | Lab | method blank | 3/24/2010 | Organic | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-4 | Lab | LCS | 3/24/2010 | Organic | 2,4-Dinitrophenol | n/a | = | 5.02 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/24/2010 | Organic | 2,4-Dinitrophenol | n/a | = | 100 | % | EPA 8270Cm | -88 | -88 | 28 | 140 | X |
| 2009/10-4 | Lab | method blank | 3/24/2010 | Organic | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 4.03 | µg/L | EPA 625 | 0.4 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 81 | % | EPA 625 | -88 | -88 | 39 | 139 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 4.02 | µg/L | EPA 625 | 0.4 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 4.21 | µg/L | EPA 625 | 0.4 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 84 | % | EPA 625 | -88 | -88 | 39 | 139 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 80 | % | EPA 625 | -88 | -88 | 39 | 139 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | 2,4-Dinitrotoluene | n/a | = | 5 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 3.63 | µg/L | EPA 625 | 0.24 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 73 | % | EPA 625 | -88 | -88 | 50 | 158 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 3.77 | µg/L | EPA 625 | 0.24 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 3.99 | µg/L | EPA 625 | 0.24 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 80 | % | EPA 625 | -88 | -88 | 50 | 158 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 75 | % | EPA 625 | -88 | -88 | 50 | 158 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | 2,6-Dinitrotoluene | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | 2-Chloronaphthalene | n/a | = | 3.48 | µg/L | EPA 625 | 0.26 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | 2-Chloronaphthalene | n/a | = | 70 | % | EPA 625 | -88 | -88 | 60 | 118 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | 2-Chloronaphthalene | n/a | = | 3.62 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | 2-Chloronaphthalene | n/a | = | 3.94 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | 2-Chloronaphthalene | n/a | = | 79 | % | EPA 625 | -88 | -88 | 60 | 118 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | 2-Chloronaphthalene | n/a | = | 72 | % | EPA 625 | -88 | -88 | 60 | 118 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | 2-Chloronaphthalene | n/a | = | 8 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/24/2010 | Organic | 2-Chlorophenol | n/a | = | 3.49 | µg/L | EPA 8270Cm | 0.65 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/24/2010 | Organic | 2-Chlorophenol | n/a | = | 70 | % | EPA 8270Cm | -88 | -88 | 56 | 98 | X |
| 2009/10-4 | Lab | method blank | 3/24/2010 | Organic | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/24/2010 | Organic | 2-Chlorophenol | n/a | = | 3.61 | µg/L | EPA 8270Cm | 0.65 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/24/2010 | Organic | 2-Chlorophenol | n/a | = | 3.86 | µg/L | EPA 8270Cm | 0.65 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/24/2010 | Organic | 2-Chlorophenol | n/a | = | 77 | % | EPA 8270Cm | -88 | -88 | 47 | 102 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|------------------|----------|------|--------|-------|------------|-----|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/24/2010 | Organic | 2-Chlorophenol | n/a | = | 72 | % | EPA 8270Cm | -88 | -88 | 47 | 102 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/24/2010 | Organic | 2-Chlorophenol | n/a | = | 7 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | srgt LCS | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 6.87 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt LCS, rec | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 69 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-4 | Lab | srgt method blank | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 6.43 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt method blank, rec | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 64 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-4 | Lab | srgt LCS | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 6.19 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt LCS, rec | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 62 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-4 | Lab | srgt method blank | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 5.62 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt method blank, rec | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 56 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-4 | ME-CC | srgt environ | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 7.45 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | ME-CC | srgt environ, rec | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 74 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-4 | ME-CC | srgt environ | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 6.57 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | ME-CC | srgt environ, rec | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 66 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-4 | ME-SCR | srgt environ | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 7.78 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt environ, rec | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 78 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-4 | ME-SCR | srgt environ | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 6.91 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt environ, rec | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 69 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-4 | ME-VR2 | srgt environ | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 7.44 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 74 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-4 | ME-VR2 | srgt environ | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 6.59 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 66 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-4 | MO-CAM | srgt environ | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 7.71 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-CAM | srgt environ, rec | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 77 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-4 | MO-CAM | srgt environ | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 6.88 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-CAM | srgt environ, rec | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 69 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-4 | MO-MEI | srgt environ | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 6.68 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-MEI | srgt environ, rec | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 67 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-4 | MO-MEI | srgt environ | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 6.03 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-MEI | srgt environ, rec | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 60 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-4 | MO-OJA | srgt environ | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 8.15 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt environ, rec | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 82 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 7.02 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 7.44 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup, rec | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 74 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike, rec | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 70 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-4 | MO-OJA | srgt environ | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 7.33 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt environ, rec | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 73 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 6.3 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 6.74 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup, rec | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 67 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike, rec | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 63 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | X |
| 2009/10-4 | MO-VEN | srgt environ | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 4.62 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-VEN | srgt environ, rec | 3/22/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 46 | % | EPA 625 | -88 | -88 | 22 | 130 | X |
| 2009/10-4 | MO-VEN | srgt environ | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 4.04 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-VEN | srgt environ, rec | 3/25/2010 | Organic | 2-Fluorobiphenyl | n/a | = | 40 | % | EPA 8270Cm | -88 | -88 | 51 | 139 | GN |
| 2009/10-4 | Lab | srgt LCS | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 9.1 | µg/L | EPA 625 | -88 | -88 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|----------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | Lab | srgt LCS, rec | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 46 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-4 | Lab | srgt method blank | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 9.29 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt method blank, rec | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 46 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-4 | Lab | srgt LCS | 3/24/2010 | Organic | 2-Fluorophenol | n/a | = | 9.3 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt LCS, rec | 3/24/2010 | Organic | 2-Fluorophenol | n/a | = | 46 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-4 | Lab | srgt method blank | 3/24/2010 | Organic | 2-Fluorophenol | n/a | = | 9.48 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt method blank, rec | 3/24/2010 | Organic | 2-Fluorophenol | n/a | = | 47 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-4 | ME-CC | srgt environ | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 9.2 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | ME-CC | srgt environ, rec | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 46 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-4 | ME-CC | srgt environ | 3/24/2010 | Organic | 2-Fluorophenol | n/a | = | 9.61 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | ME-CC | srgt environ, rec | 3/24/2010 | Organic | 2-Fluorophenol | n/a | = | 48 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-4 | ME-SCR | srgt environ | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 9.72 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt environ, rec | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 49 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-4 | ME-SCR | srgt environ | 3/24/2010 | Organic | 2-Fluorophenol | n/a | = | 9.77 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt environ, rec | 3/24/2010 | Organic | 2-Fluorophenol | n/a | = | 49 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-4 | ME-VR2 | srgt environ | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 9.53 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 48 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-4 | ME-VR2 | srgt environ | 3/24/2010 | Organic | 2-Fluorophenol | n/a | = | 9.59 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 3/24/2010 | Organic | 2-Fluorophenol | n/a | = | 48 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-4 | MO-CAM | srgt environ | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 9.58 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-CAM | srgt environ, rec | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 48 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-4 | MO-CAM | srgt environ | 3/25/2010 | Organic | 2-Fluorophenol | n/a | = | 9.79 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-CAM | srgt environ, rec | 3/25/2010 | Organic | 2-Fluorophenol | n/a | = | 49 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-4 | MO-MEI | srgt environ | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 7.82 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-MEI | srgt environ, rec | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 39 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-4 | MO-MEI | srgt environ | 3/25/2010 | Organic | 2-Fluorophenol | n/a | = | 7.72 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-MEI | srgt environ, rec | 3/25/2010 | Organic | 2-Fluorophenol | n/a | = | 39 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-4 | MO-OJA | srgt environ | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 10.1 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt environ, rec | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 50 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 8.79 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 9.2 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup, rec | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 46 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike, rec | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 44 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike | 3/24/2010 | Organic | 2-Fluorophenol | n/a | = | 9.18 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup | 3/24/2010 | Organic | 2-Fluorophenol | n/a | = | 9.52 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup, rec | 3/24/2010 | Organic | 2-Fluorophenol | n/a | = | 48 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike, rec | 3/24/2010 | Organic | 2-Fluorophenol | n/a | = | 46 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-4 | MO-OJA | srgt environ | 3/25/2010 | Organic | 2-Fluorophenol | n/a | = | 10.1 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt environ, rec | 3/25/2010 | Organic | 2-Fluorophenol | n/a | = | 51 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-4 | MO-VEN | srgt environ | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 6.66 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-VEN | srgt environ, rec | 3/22/2010 | Organic | 2-Fluorophenol | n/a | = | 33 | % | EPA 625 | -88 | -88 | 6 | 96 | X |
| 2009/10-4 | MO-VEN | srgt environ | 3/25/2010 | Organic | 2-Fluorophenol | n/a | = | 6.77 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-VEN | srgt environ, rec | 3/25/2010 | Organic | 2-Fluorophenol | n/a | = | 34 | % | EPA 8270Cm | -88 | -88 | 24 | 82 | X |
| 2009/10-4 | Lab | method blank | 3/24/2010 | Organic | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | | | X |
| 2009/10-4 | Lab | LCS | 3/24/2010 | Organic | 2-Nitrophenol | n/a | = | 3.97 | µg/L | EPA 8270Cm | 0.71 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/24/2010 | Organic | 2-Nitrophenol | n/a | = | 79 | % | EPA 8270Cm | -88 | -88 | 54 | 121 | X |
| 2009/10-4 | Lab | method blank | 3/24/2010 | Organic | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|------------------------|---------------|----------------|----------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 8.41 | µg/L | EPA 625 | 0.3 | 5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 168 | % | EPA 625 | -88 | -88 | 0.1 | 262 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 4.04 | µg/L | EPA 625 | 0.3 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 5.27 | µg/L | EPA 625 | 0.3 | 5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 105 | % | EPA 625 | -88 | -88 | 0.1 | 262 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 81 | % | EPA 625 | -88 | -88 | 0.1 | 262 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | 3,3'-Dichlorobenzidine | n/a | = | 26 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | method blank | 3/24/2010 | Organic | 3-/4-Methylphenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | | | X |
| 2009/10-4 | Lab | LCS | 3/24/2010 | Organic | 4,6-Dinitro-2-methylphenol | n/a | = | 4.83 | µg/L | EPA 8270Cm | 0.14 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/24/2010 | Organic | 4,6-Dinitro-2-methylphenol | n/a | = | 97 | % | EPA 8270Cm | -88 | -88 | 26 | 137 | X |
| 2009/10-4 | Lab | method blank | 3/24/2010 | Organic | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | | | X |
| 2009/10-4 | Lab | srgt LCS | 3/19/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 10.2 | µg/L | EPA 524.2 | 0 | 0 | | | |
| 2009/10-4 | Lab | srgt LCS dup | 3/19/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 10.4 | µg/L | EPA 524.2 | 0 | 0 | | | |
| 2009/10-4 | Lab | srgt LCS dup, rec | 3/19/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 104 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | Lab | srgt LCS, rec | 3/19/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 102 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | Lab | srgt method blank | 3/19/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 9.04 | µg/L | EPA 524.2 | 0 | 0 | | | |
| 2009/10-4 | Lab | srgt method blank, rec | 3/19/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 90 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | ME-CC | srgt environ | 3/19/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 10.3 | µg/L | EPA 524.2 | 0 | 0 | | | |
| 2009/10-4 | ME-CC | srgt environ, rec | 3/19/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 103 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | ME-SCR | srgt environ | 3/19/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 9.87 | µg/L | EPA 524.2 | 0 | 0 | | | |
| 2009/10-4 | ME-SCR | srgt environ, rec | 3/19/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 99 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | ME-VR2 | srgt environ | 3/19/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 9.89 | µg/L | EPA 524.2 | 0 | 0 | | | |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 3/19/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 99 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | MO-CAM | srgt environ | 3/19/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 10.5 | µg/L | EPA 524.2 | 0 | 0 | | | |
| 2009/10-4 | MO-CAM | srgt environ, rec | 3/19/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 105 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | MO-MEI | srgt environ | 3/20/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 9.85 | µg/L | EPA 524.2 | 0 | 0 | | | |
| 2009/10-4 | MO-MEI | srgt environ, rec | 3/20/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 98 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | MO-OJA | srgt environ | 3/19/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 9.97 | µg/L | EPA 524.2 | 0 | 0 | | | |
| 2009/10-4 | MO-OJA | srgt environ, rec | 3/19/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 100 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | MO-VEN | srgt environ | 3/20/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 10.4 | µg/L | EPA 524.2 | 0 | 0 | | | |
| 2009/10-4 | MO-VEN | srgt environ, rec | 3/20/2010 | Organic | 4-Bromofluorobenzene | n/a | = | 104 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 3.42 | µg/L | EPA 625 | 0.23 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 68 | % | EPA 625 | -88 | -88 | 56 | 127 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 3.53 | µg/L | EPA 625 | 0.23 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 3.68 | µg/L | EPA 625 | 0.23 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 74 | % | EPA 625 | -88 | -88 | 56 | 127 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 71 | % | EPA 625 | -88 | -88 | 56 | 127 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | 4-Bromophenyl phenyl ether | n/a | = | 4 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/24/2010 | Organic | 4-Chloro-3-methylphenol | n/a | = | 3.85 | µg/L | EPA 8270Cm | 0.37 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/24/2010 | Organic | 4-Chloro-3-methylphenol | n/a | = | 77 | % | EPA 8270Cm | -88 | -88 | 67 | 107 | X |
| 2009/10-4 | Lab | method blank | 3/24/2010 | Organic | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/24/2010 | Organic | 4-Chloro-3-methylphenol | n/a | = | 4.21 | µg/L | EPA 8270Cm | 0.37 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/24/2010 | Organic | 4-Chloro-3-methylphenol | n/a | = | 4.28 | µg/L | EPA 8270Cm | 0.37 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/24/2010 | Organic | 4-Chloro-3-methylphenol | n/a | = | 86 | % | EPA 8270Cm | -88 | -88 | 39 | 121 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/24/2010 | Organic | 4-Chloro-3-methylphenol | n/a | = | 84 | % | EPA 8270Cm | -88 | -88 | 39 | 121 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/24/2010 | Organic | 4-Chloro-3-methylphenol | n/a | = | 2 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 3.55 | µg/L | EPA 625 | 0.24 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 71 | % | EPA 625 | -88 | -88 | 25 | 158 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 3.6 | µg/L | EPA 625 | 0.24 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 3.88 | µg/L | EPA 625 | 0.24 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 78 | % | EPA 625 | -88 | -88 | 25 | 158 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 72 | % | EPA 625 | -88 | -88 | 25 | 158 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | 4-Chlorophenyl phenyl ether | n/a | = | 7 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/24/2010 | Organic | 4-Nitrophenol | n/a | = | 1.97 | µg/L | EPA 8270Cm | 1 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/24/2010 | Organic | 4-Nitrophenol | n/a | = | 39 | % | EPA 8270Cm | -88 | -88 | 26 | 79 | X |
| 2009/10-4 | Lab | method blank | 3/24/2010 | Organic | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/24/2010 | Organic | 4-Nitrophenol | n/a | = | 1.99 | µg/L | EPA 8270Cm | 1 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/24/2010 | Organic | 4-Nitrophenol | n/a | = | 1.77 | µg/L | EPA 8270Cm | 1 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/24/2010 | Organic | 4-Nitrophenol | n/a | = | 35 | % | EPA 8270Cm | -88 | -88 | 1 | 65 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/24/2010 | Organic | 4-Nitrophenol | n/a | = | 40 | % | EPA 8270Cm | -88 | -88 | 1 | 65 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/24/2010 | Organic | 4-Nitrophenol | n/a | = | 12 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Organic | Acenaphthene | n/a | = | 3.17 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Organic | Acenaphthene | n/a | = | 63 | % | EPA 8270Cm | -88 | -88 | 47 | 145 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Organic | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/25/2010 | Organic | Acenaphthene | n/a | = | 3.24 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/25/2010 | Organic | Acenaphthene | n/a | = | 3.53 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/25/2010 | Organic | Acenaphthene | n/a | = | 71 | % | EPA 8270Cm | -88 | -88 | 47 | 145 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/25/2010 | Organic | Acenaphthene | n/a | = | 65 | % | EPA 8270Cm | -88 | -88 | 47 | 145 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/25/2010 | Organic | Acenaphthene | n/a | = | 9 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Organic | Acenaphthylene | n/a | = | 3.54 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Organic | Acenaphthylene | n/a | = | 71 | % | EPA 8270Cm | -88 | -88 | 33 | 145 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Organic | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/25/2010 | Organic | Acenaphthylene | n/a | = | 3.6 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/25/2010 | Organic | Acenaphthylene | n/a | = | 3.92 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/25/2010 | Organic | Acenaphthylene | n/a | = | 78 | % | EPA 8270Cm | -88 | -88 | 33 | 145 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/25/2010 | Organic | Acenaphthylene | n/a | = | 72 | % | EPA 8270Cm | -88 | -88 | 33 | 145 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/25/2010 | Organic | Acenaphthylene | n/a | = | 9 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Organic | Anthracene | n/a | = | 4.3 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Organic | Anthracene | n/a | = | 86 | % | EPA 8270Cm | -88 | -88 | 27 | 133 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Organic | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/25/2010 | Organic | Anthracene | n/a | = | 4.31 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/25/2010 | Organic | Anthracene | n/a | = | 4.47 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/25/2010 | Organic | Anthracene | n/a | = | 89 | % | EPA 8270Cm | -88 | -88 | 27 | 133 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/25/2010 | Organic | Anthracene | n/a | = | 86 | % | EPA 8270Cm | -88 | -88 | 27 | 133 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/25/2010 | Organic | Anthracene | n/a | = | 4 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Organic | Benz(a)anthracene | n/a | = | 4.11 | µg/L | EPA 8270Cm | 0.28 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Organic | Benz(a)anthracene | n/a | = | 82 | % | EPA 8270Cm | -88 | -88 | 33 | 143 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Organic | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/25/2010 | Organic | Benz(a)anthracene | n/a | = | 3.97 | µg/L | EPA 8270Cm | 0.28 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/25/2010 | Organic | Benz(a)anthracene | n/a | = | 4.04 | µg/L | EPA 8270Cm | 0.28 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/25/2010 | Organic | Benz(a)anthracene | n/a | = | 81 | % | EPA 8270Cm | -88 | -88 | 33 | 143 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|----------------------------|----------|------|--------|-------|------------|-------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/25/2010 | Organic | Benz(a)anthracene | n/a | = | 79 | % | EPA 8270Cm | -88 | -88 | 33 | 143 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/25/2010 | Organic | Benz(a)anthracene | n/a | = | 2 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | Benidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | | | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Organic | Benzo(a)pyrene | n/a | = | 3.19 | µg/L | EPA 525.2 | 0.018 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Organic | Benzo(a)pyrene | n/a | = | 64 | % | EPA 525.2 | -88 | -88 | 54 | 136 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Organic | Benzo(a)pyrene | n/a | < | 0.018 | µg/L | EPA 525.2 | 0.018 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/25/2010 | Organic | Benzo(a)pyrene | n/a | = | 2.7 | µg/L | EPA 525.2 | 0.018 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/25/2010 | Organic | Benzo(a)pyrene | n/a | = | 3.73 | µg/L | EPA 525.2 | 0.018 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/25/2010 | Organic | Benzo(a)pyrene | n/a | = | 52 | % | EPA 525.2 | -88 | -88 | 29 | 153 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/25/2010 | Organic | Benzo(a)pyrene | n/a | = | 31 | % | EPA 525.2 | -88 | -88 | 29 | 153 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/25/2010 | Organic | Benzo(a)pyrene | n/a | = | 32 | % | EPA 525.2 | -88 | -88 | 0 | 30 | IL |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 3.99 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 80 | % | EPA 8270Cm | -88 | -88 | 24 | 159 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Organic | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/25/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 3.98 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/25/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 4.07 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/25/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 81 | % | EPA 8270Cm | -88 | -88 | 24 | 159 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/25/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 80 | % | EPA 8270Cm | -88 | -88 | 24 | 159 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/25/2010 | Organic | Benzo(b)fluoranthene | n/a | = | 2 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 6 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 120 | % | EPA 8270Cm | -88 | -88 | 0.1 | 219 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Organic | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/25/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 6.22 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/25/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 6.09 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/25/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 122 | % | EPA 8270Cm | -88 | -88 | 0.1 | 219 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/25/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 124 | % | EPA 8270Cm | -88 | -88 | 0.1 | 219 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/25/2010 | Organic | Benzo(g,h,i)perylene | n/a | = | 2 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 4.25 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 85 | % | EPA 8270Cm | -88 | -88 | 11 | 162 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Organic | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/25/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 4.21 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/25/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 4.29 | µg/L | EPA 8270Cm | 0.12 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/25/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 86 | % | EPA 8270Cm | -88 | -88 | 11 | 162 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/25/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 84 | % | EPA 8270Cm | -88 | -88 | 11 | 162 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/25/2010 | Organic | Benzo(k)fluoranthene | n/a | = | 2 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 3.77 | µg/L | EPA 625 | 0.4 | 2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 75 | % | EPA 625 | -88 | -88 | 33 | 184 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 3.78 | µg/L | EPA 625 | 0.4 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 4.12 | µg/L | EPA 625 | 0.4 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 82 | % | EPA 625 | -88 | -88 | 33 | 184 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 76 | % | EPA 625 | -88 | -88 | 33 | 184 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | Bis(2-chloroethoxy)methane | n/a | = | 9 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | Bis(2-chloroethyl)ether | n/a | = | 3.27 | µg/L | EPA 625 | 0.46 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | Bis(2-chloroethyl)ether | n/a | = | 65 | % | EPA 625 | -88 | -88 | 12 | 158 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | Bis(2-chloroethyl)ether | n/a | = | 3.48 | µg/L | EPA 625 | 0.46 | 1 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|------------|------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | Bis(2-chloroethyl)ether | n/a | = | 3.74 | µg/L | EPA 625 | 0.46 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | Bis(2-chloroethyl)ether | n/a | = | 75 | % | EPA 625 | -88 | -88 | 12 | 158 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | Bis(2-chloroethyl)ether | n/a | = | 70 | % | EPA 625 | -88 | -88 | 12 | 158 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | Bis(2-chloroethyl)ether | n/a | = | 7 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 3.35 | µg/L | EPA 625 | 0.48 | 2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 67 | % | EPA 625 | -88 | -88 | 36 | 166 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 3.51 | µg/L | EPA 625 | 0.48 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 3.77 | µg/L | EPA 625 | 0.48 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 75 | % | EPA 625 | -88 | -88 | 36 | 166 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 70 | % | EPA 625 | -88 | -88 | 36 | 166 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | Bis(2-chloroisopropyl)ether | n/a | = | 7 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 4.45 | µg/L | EPA 525.2 | 0.23 | 0.23 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 89 | % | EPA 525.2 | -88 | -88 | 50 | 145 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/25/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 3.3 | µg/L | EPA 525.2 | 0.23 | 0.23 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/25/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 4.52 | µg/L | EPA 525.2 | 0.23 | 0.23 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/25/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 77 | % | EPA 525.2 | -88 | -88 | 28 | 147 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/25/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 53 | % | EPA 525.2 | -88 | -88 | 28 | 147 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/25/2010 | Organic | Bis(2-ethylhexyl)adipate | n/a | = | 31 | % | EPA 525.2 | -88 | -88 | 0 | 30 | IL |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 5.16 | µg/L | EPA 525.2 | 0.51 | 3 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 103 | % | EPA 525.2 | -88 | -88 | 54 | 142 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | < | 0.51 | µg/L | EPA 525.2 | 0.51 | 3 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/25/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 4.38 | µg/L | EPA 525.2 | 0.51 | 3 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/25/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 5.76 | µg/L | EPA 525.2 | 0.51 | 3 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/25/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 85 | % | EPA 525.2 | -88 | -88 | 23 | 154 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/25/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 57 | % | EPA 525.2 | -88 | -88 | 23 | 154 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/25/2010 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 27 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | Butyl benzyl phthalate | n/a | = | 4.91 | µg/L | EPA 625 | 1 | 1.2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | Butyl benzyl phthalate | n/a | = | 98 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | Butyl benzyl phthalate | n/a | = | 5.09 | µg/L | EPA 625 | 1 | 5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | Butyl benzyl phthalate | n/a | = | 5.09 | µg/L | EPA 625 | 1 | 5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | Butyl benzyl phthalate | n/a | = | 102 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | Butyl benzyl phthalate | n/a | = | 102 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | Butyl benzyl phthalate | n/a | = | 0 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Organic | Chrysene | n/a | = | 4.13 | µg/L | EPA 8270Cm | 0.09 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Organic | Chrysene | n/a | = | 83 | % | EPA 8270Cm | -88 | -88 | 17 | 168 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Organic | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/25/2010 | Organic | Chrysene | n/a | = | 4.03 | µg/L | EPA 8270Cm | 0.09 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/25/2010 | Organic | Chrysene | n/a | = | 4.13 | µg/L | EPA 8270Cm | 0.09 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/25/2010 | Organic | Chrysene | n/a | = | 83 | % | EPA 8270Cm | -88 | -88 | 17 | 168 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/25/2010 | Organic | Chrysene | n/a | = | 81 | % | EPA 8270Cm | -88 | -88 | 17 | 168 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/25/2010 | Organic | Chrysene | n/a | = | 2 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 6.04 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 121 | % | EPA 8270Cm | -88 | -88 | 0.1 | 227 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Organic | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-----------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | MO-OJA | matrix spike | 3/25/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 6.11 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/25/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 5.93 | µg/L | EPA 8270Cm | 0.13 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/25/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 119 | % | EPA 8270Cm | -88 | -88 | 0.1 | 227 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/25/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 122 | % | EPA 8270Cm | -88 | -88 | 0.1 | 227 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/25/2010 | Organic | Dibenz(a,h)anthracene | n/a | = | 3 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | Diethyl phthalate | n/a | = | 3.98 | µg/L | EPA 625 | 0.23 | 2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | Diethyl phthalate | n/a | = | 80 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | Diethyl phthalate | n/a | = | 4.12 | µg/L | EPA 625 | 0.23 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | Diethyl phthalate | n/a | = | 4.31 | µg/L | EPA 625 | 0.23 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | Diethyl phthalate | n/a | = | 86 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | Diethyl phthalate | n/a | = | 82 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | Diethyl phthalate | n/a | = | 5 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | Dimethyl phthalate | n/a | = | 3.58 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | Dimethyl phthalate | n/a | = | 72 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | Dimethyl phthalate | n/a | = | 3.69 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | Dimethyl phthalate | n/a | = | 3.91 | µg/L | EPA 625 | 0.26 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | Dimethyl phthalate | n/a | = | 78 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | Dimethyl phthalate | n/a | = | 74 | % | EPA 625 | -88 | -88 | 0.1 | 112 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | Dimethyl phthalate | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | Di-n-butylphthalate | n/a | = | 4.51 | µg/L | EPA 625 | 0.53 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | Di-n-butylphthalate | n/a | = | 90 | % | EPA 625 | -88 | -88 | 1 | 118 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | Di-n-butylphthalate | n/a | < | 0.53 | µg/L | EPA 625 | 0.53 | 5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | Di-n-butylphthalate | n/a | = | 4.58 | µg/L | EPA 625 | 0.53 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | Di-n-butylphthalate | n/a | = | 4.63 | µg/L | EPA 625 | 0.53 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | Di-n-butylphthalate | n/a | = | 93 | % | EPA 625 | -88 | -88 | 1 | 118 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | Di-n-butylphthalate | n/a | = | 92 | % | EPA 625 | -88 | -88 | 1 | 118 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | Di-n-butylphthalate | n/a | = | 1 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | Di-n-octylphthalate | n/a | = | 4.54 | µg/L | EPA 625 | 0.28 | 2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | Di-n-octylphthalate | n/a | = | 91 | % | EPA 625 | -88 | -88 | 6 | 146 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | Di-n-octylphthalate | n/a | = | 4.7 | µg/L | EPA 625 | 0.28 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | Di-n-octylphthalate | n/a | = | 4.69 | µg/L | EPA 625 | 0.28 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | Di-n-octylphthalate | n/a | = | 94 | % | EPA 625 | -88 | -88 | 6 | 146 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | Di-n-octylphthalate | n/a | = | 94 | % | EPA 625 | -88 | -88 | 6 | 146 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | Di-n-octylphthalate | n/a | = | 0.2 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Organic | Fluoranthene | n/a | = | 3.79 | µg/L | EPA 8270Cm | 0.2 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Organic | Fluoranthene | n/a | = | 76 | % | EPA 8270Cm | -88 | -88 | 26 | 137 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Organic | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/25/2010 | Organic | Fluoranthene | n/a | = | 3.72 | µg/L | EPA 8270Cm | 0.2 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/25/2010 | Organic | Fluoranthene | n/a | = | 3.84 | µg/L | EPA 8270Cm | 0.2 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/25/2010 | Organic | Fluoranthene | n/a | = | 77 | % | EPA 8270Cm | -88 | -88 | 26 | 137 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/25/2010 | Organic | Fluoranthene | n/a | = | 74 | % | EPA 8270Cm | -88 | -88 | 26 | 137 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/25/2010 | Organic | Fluoranthene | n/a | = | 3 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Organic | Fluorene | n/a | = | 3.32 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Organic | Fluorene | n/a | = | 66 | % | EPA 8270Cm | -88 | -88 | 59 | 121 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|---------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Organic | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/25/2010 | Organic | Fluorene | n/a | = | 3.43 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/25/2010 | Organic | Fluorene | n/a | = | 3.68 | µg/L | EPA 8270Cm | 0.15 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/25/2010 | Organic | Fluorene | n/a | = | 74 | % | EPA 8270Cm | -88 | -88 | 59 | 121 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/25/2010 | Organic | Fluorene | n/a | = | 69 | % | EPA 8270Cm | -88 | -88 | 59 | 121 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/25/2010 | Organic | Fluorene | n/a | = | 7 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | Hexachlorobenzene | n/a | = | 4.14 | µg/L | EPA 625 | 0.15 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | Hexachlorobenzene | n/a | = | 83 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | Hexachlorobenzene | n/a | = | 4.16 | µg/L | EPA 625 | 0.15 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | Hexachlorobenzene | n/a | = | 4.42 | µg/L | EPA 625 | 0.15 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | Hexachlorobenzene | n/a | = | 88 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | Hexachlorobenzene | n/a | = | 83 | % | EPA 625 | -88 | -88 | 0.1 | 152 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | Hexachlorobenzene | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | Hexachlorobutadiene | n/a | = | 3.28 | µg/L | EPA 625 | 0.41 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | Hexachlorobutadiene | n/a | = | 66 | % | EPA 625 | -88 | -88 | 24 | 116 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | Hexachlorobutadiene | n/a | = | 3.55 | µg/L | EPA 625 | 0.41 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | Hexachlorobutadiene | n/a | = | 3.81 | µg/L | EPA 625 | 0.41 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | Hexachlorobutadiene | n/a | = | 76 | % | EPA 625 | -88 | -88 | 24 | 116 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | Hexachlorobutadiene | n/a | = | 71 | % | EPA 625 | -88 | -88 | 24 | 116 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | Hexachlorobutadiene | n/a | = | 7 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 1.42 | µg/L | EPA 625 | 0 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 28 | % | EPA 625 | -88 | -88 | 0.1 | 136 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 2 | µg/L | EPA 625 | 0 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 2.02 | µg/L | EPA 625 | 0 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 40 | % | EPA 625 | -88 | -88 | 0.1 | 146 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 40 | % | EPA 625 | -88 | -88 | 0.1 | 146 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | Hexachlorocyclopentadiene | n/a | = | 1 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | Hexachloroethane | n/a | = | 3.19 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | Hexachloroethane | n/a | = | 64 | % | EPA 625 | -88 | -88 | 40 | 113 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | Hexachloroethane | n/a | = | 3.45 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | Hexachloroethane | n/a | = | 3.68 | µg/L | EPA 625 | 0.36 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | Hexachloroethane | n/a | = | 74 | % | EPA 625 | -88 | -88 | 40 | 113 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | Hexachloroethane | n/a | = | 69 | % | EPA 625 | -88 | -88 | 40 | 113 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | Hexachloroethane | n/a | = | 6 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 6.17 | µg/L | EPA 8270Cm | 0.1 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 123 | % | EPA 8270Cm | -88 | -88 | 0.1 | 171 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/25/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 6 | µg/L | EPA 8270Cm | 0.1 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/25/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 5.85 | µg/L | EPA 8270Cm | 0.1 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/25/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 117 | % | EPA 8270Cm | -88 | -88 | 0.1 | 171 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/25/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 120 | % | EPA 8270Cm | -88 | -88 | 0.1 | 171 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/25/2010 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 3 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | Isophorone | n/a | = | 3.68 | µg/L | EPA 625 | 0.33 | 1 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|------------------------|---------------|----------------|--------------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | Isophorone | n/a | = | 74 | % | EPA 625 | -88 | -88 | 21 | 196 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | Isophorone | n/a | = | 3.74 | µg/L | EPA 625 | 0.33 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | Isophorone | n/a | = | 4.07 | µg/L | EPA 625 | 0.33 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | Isophorone | n/a | = | 81 | % | EPA 625 | -88 | -88 | 21 | 196 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | Isophorone | n/a | = | 75 | % | EPA 625 | -88 | -88 | 21 | 196 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | Isophorone | n/a | = | 8 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/19/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 5.15 | µg/L | EPA 524.2 | 1.1 | 3 | | | |
| 2009/10-4 | Lab | LCS dup | 3/19/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 5.82 | µg/L | EPA 524.2 | 1.1 | 3 | | | |
| 2009/10-4 | Lab | LCS dup, rec | 3/19/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 97 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | Lab | LCS, rec | 3/19/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 86 | % | EPA 524.2 | -88 | -88 | 70 | 130 | |
| 2009/10-4 | Lab | LCS, RPD | 3/19/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | = | 12 | % | EPA 524.2 | -88 | -88 | 0 | 30 | |
| 2009/10-4 | Lab | method blank | 3/19/2010 | Organic | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | | | |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Organic | Naphthalene | n/a | = | 3.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Organic | Naphthalene | n/a | = | 62 | % | EPA 8270Cm | -88 | -88 | 21 | 133 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Organic | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/25/2010 | Organic | Naphthalene | n/a | = | 3.28 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/25/2010 | Organic | Naphthalene | n/a | = | 3.58 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/25/2010 | Organic | Naphthalene | n/a | = | 72 | % | EPA 8270Cm | -88 | -88 | 21 | 133 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/25/2010 | Organic | Naphthalene | n/a | = | 66 | % | EPA 8270Cm | -88 | -88 | 21 | 133 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/25/2010 | Organic | Naphthalene | n/a | = | 9 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | Nitrobenzene | n/a | = | 3.66 | µg/L | EPA 625 | 0.37 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | Nitrobenzene | n/a | = | 73 | % | EPA 625 | -88 | -88 | 35 | 180 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | Nitrobenzene | n/a | = | 3.73 | µg/L | EPA 625 | 0.37 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | Nitrobenzene | n/a | = | 3.94 | µg/L | EPA 625 | 0.37 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | Nitrobenzene | n/a | = | 79 | % | EPA 625 | -88 | -88 | 35 | 180 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | Nitrobenzene | n/a | = | 75 | % | EPA 625 | -88 | -88 | 35 | 180 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | Nitrobenzene | n/a | = | 5 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | srgt LCS | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 7.67 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt LCS, rec | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 77 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-4 | Lab | srgt method blank | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 7.39 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt method blank, rec | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 74 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-4 | Lab | srgt LCS | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 6.79 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt LCS, rec | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 68 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-4 | Lab | srgt method blank | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 6.57 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt method blank, rec | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 66 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-4 | ME-CC | srgt environ | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 7.9 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | ME-CC | srgt environ, rec | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 79 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-4 | ME-CC | srgt environ | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 7.14 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | ME-CC | srgt environ, rec | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 71 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-4 | ME-SCR | srgt environ | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 8.34 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt environ, rec | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 83 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-4 | ME-SCR | srgt environ | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 7.33 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt environ, rec | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 73 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-4 | ME-VR2 | srgt environ | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 7.73 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 77 | % | EPA 625 | -88 | -88 | 34 | 139 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|---------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | ME-VR2 | srgt environ | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 6.89 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 69 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-4 | MO-CAM | srgt environ | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 8.59 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-CAM | srgt environ, rec | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 86 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-4 | MO-CAM | srgt environ | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 7.52 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-CAM | srgt environ, rec | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 75 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-4 | MO-MEI | srgt environ | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 7.26 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-MEI | srgt environ, rec | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 73 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-4 | MO-MEI | srgt environ | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 6.69 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-MEI | srgt environ, rec | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 67 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-4 | MO-OJA | srgt environ | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 8.58 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt environ, rec | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 86 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 7.47 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 7.97 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup, rec | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 80 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike, rec | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 75 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-4 | MO-OJA | srgt environ | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 7.62 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt environ, rec | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 76 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 6.77 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 7.19 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup, rec | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 72 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike, rec | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 68 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | X |
| 2009/10-4 | MO-VEN | srgt environ | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 5.42 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-VEN | srgt environ, rec | 3/22/2010 | Organic | Nitrobenzene-d5 | n/a | = | 54 | % | EPA 625 | -88 | -88 | 34 | 139 | X |
| 2009/10-4 | MO-VEN | srgt environ | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 4.65 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-VEN | srgt environ, rec | 3/25/2010 | Organic | Nitrobenzene-d5 | n/a | = | 46 | % | EPA 8270Cm | -88 | -88 | 51 | 143 | GN |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 2.49 | µg/L | EPA 625 | 0.36 | 2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 50 | % | EPA 625 | -88 | -88 | 27 | 78 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 2.56 | µg/L | EPA 625 | 0.36 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 2.77 | µg/L | EPA 625 | 0.36 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 55 | % | EPA 625 | -88 | -88 | 22 | 70 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 51 | % | EPA 625 | -88 | -88 | 22 | 70 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | N-Nitrosodimethylamine | n/a | = | 8 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 3.94 | µg/L | EPA 625 | 0.41 | 2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 79 | % | EPA 625 | -88 | -88 | 0.1 | 230 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 4.1 | µg/L | EPA 625 | 0.41 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 4.51 | µg/L | EPA 625 | 0.41 | 2 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 90 | % | EPA 625 | -88 | -88 | 0.1 | 230 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 82 | % | EPA 625 | -88 | -88 | 0.1 | 230 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 10 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 3.71 | µg/L | EPA 625 | 0.23 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 74 | % | EPA 625 | -88 | -88 | 48 | 129 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Organic | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/22/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 3.67 | µg/L | EPA 625 | 0.23 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/22/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 3.84 | µg/L | EPA 625 | 0.23 | 1 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/22/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 77 | % | EPA 625 | -88 | -88 | 17 | 138 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/22/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 73 | % | EPA 625 | -88 | -88 | 17 | 138 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/22/2010 | Organic | N-Nitrosodiphenylamine | n/a | = | 5 | % | EPA 625 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | srgt LCS | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 3.29 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt LCS, rec | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 66 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-4 | Lab | srgt method blank | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 3.07 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt method blank, rec | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 61 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-4 | ME-CC | srgt environ | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 3.34 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-CC | srgt environ, rec | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 67 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-4 | ME-SCR | srgt environ | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 2.69 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt environ, rec | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 54 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-4 | ME-SCR | srgt matrix spike | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 3.71 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt matrix spike dup | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 3.41 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt matrix spike dup, rec | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 68 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-4 | ME-SCR | srgt matrix spike, rec | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 74 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-4 | ME-VR2 | srgt environ | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 3.52 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 70 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-4 | MO-CAM | srgt environ | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 1.99 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | MO-CAM | srgt environ, rec | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 40 | % | EPA 525.2 | -88 | -88 | 48 | 141 | GN |
| 2009/10-4 | MO-MEI | srgt environ | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 3.22 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | MO-MEI | srgt environ, rec | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 64 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-4 | MO-OJA | srgt environ | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 4 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt environ, rec | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 80 | % | EPA 525.2 | -88 | -88 | 48 | 141 | X |
| 2009/10-4 | MO-VEN | srgt environ | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 1.63 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | MO-VEN | srgt environ, rec | 3/25/2010 | Organic | Perylene-d12 | n/a | = | 33 | % | EPA 525.2 | -88 | -88 | 48 | 141 | GN |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Organic | Phenanthrene | n/a | = | 3.55 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Organic | Phenanthrene | n/a | = | 71 | % | EPA 8270Cm | -88 | -88 | 54 | 120 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Organic | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/25/2010 | Organic | Phenanthrene | n/a | = | 3.64 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/25/2010 | Organic | Phenanthrene | n/a | = | 3.79 | µg/L | EPA 8270Cm | 0.11 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/25/2010 | Organic | Phenanthrene | n/a | = | 76 | % | EPA 8270Cm | -88 | -88 | 54 | 120 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/25/2010 | Organic | Phenanthrene | n/a | = | 73 | % | EPA 8270Cm | -88 | -88 | 54 | 120 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/25/2010 | Organic | Phenanthrene | n/a | = | 4 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/24/2010 | Organic | Phenol | n/a | = | 1.58 | µg/L | EPA 8270Cm | 0.35 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/24/2010 | Organic | Phenol | n/a | = | 32 | % | EPA 8270Cm | -88 | -88 | 36 | 65 | EUM |
| 2009/10-4 | Lab | method blank | 3/24/2010 | Organic | Phenol | n/a | < | 0.35 | µg/L | EPA 8270Cm | 0.35 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/24/2010 | Organic | Phenol | n/a | = | 2.03 | µg/L | EPA 8270Cm | 0.35 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/24/2010 | Organic | Phenol | n/a | = | 2.12 | µg/L | EPA 8270Cm | 0.35 | 1 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/24/2010 | Organic | Phenol | n/a | = | 30 | % | EPA 8270Cm | -88 | -88 | 14 | 50 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/24/2010 | Organic | Phenol | n/a | = | 28 | % | EPA 8270Cm | -88 | -88 | 14 | 50 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/24/2010 | Organic | Phenol | n/a | = | 4 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | srgt LCS | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 6 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt LCS, rec | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 30 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-4 | Lab | srgt method blank | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 5.68 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt method blank, rec | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 28 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-4 | Lab | srgt LCS | 3/24/2010 | Organic | Phenol-d5 | n/a | = | 5.92 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt LCS, rec | 3/24/2010 | Organic | Phenol-d5 | n/a | = | 30 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|-----------------|----------|------|--------|-------|------------|-----|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | Lab | srgt method blank | 3/24/2010 | Organic | Phenol-d5 | n/a | = | 5.99 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt method blank, rec | 3/24/2010 | Organic | Phenol-d5 | n/a | = | 30 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-4 | ME-CC | srgt environ | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 5.67 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | ME-CC | srgt environ, rec | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 28 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-4 | ME-CC | srgt environ | 3/24/2010 | Organic | Phenol-d5 | n/a | = | 5.99 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | ME-CC | srgt environ, rec | 3/24/2010 | Organic | Phenol-d5 | n/a | = | 30 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-4 | ME-SCR | srgt environ | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 6.06 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt environ, rec | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 30 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-4 | ME-SCR | srgt environ | 3/24/2010 | Organic | Phenol-d5 | n/a | = | 6.14 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt environ, rec | 3/24/2010 | Organic | Phenol-d5 | n/a | = | 31 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-4 | ME-VR2 | srgt environ | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 6.03 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 30 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-4 | ME-VR2 | srgt environ | 3/24/2010 | Organic | Phenol-d5 | n/a | = | 5.89 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 3/24/2010 | Organic | Phenol-d5 | n/a | = | 29 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-4 | MO-CAM | srgt environ | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 6.49 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-CAM | srgt environ, rec | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 32 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-4 | MO-CAM | srgt environ | 3/25/2010 | Organic | Phenol-d5 | n/a | = | 6.92 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-CAM | srgt environ, rec | 3/25/2010 | Organic | Phenol-d5 | n/a | = | 35 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-4 | MO-MEI | srgt environ | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 4.82 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-MEI | srgt environ, rec | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 24 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-4 | MO-MEI | srgt environ | 3/25/2010 | Organic | Phenol-d5 | n/a | = | 4.85 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-MEI | srgt environ, rec | 3/25/2010 | Organic | Phenol-d5 | n/a | = | 24 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-4 | MO-OJA | srgt environ | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 6.18 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt environ, rec | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 31 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 5.74 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 6.12 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup, rec | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 31 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike, rec | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 29 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike | 3/24/2010 | Organic | Phenol-d5 | n/a | = | 5.88 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup | 3/24/2010 | Organic | Phenol-d5 | n/a | = | 6.13 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup, rec | 3/24/2010 | Organic | Phenol-d5 | n/a | = | 31 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike, rec | 3/24/2010 | Organic | Phenol-d5 | n/a | = | 29 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-4 | MO-OJA | srgt environ | 3/25/2010 | Organic | Phenol-d5 | n/a | = | 6.2 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt environ, rec | 3/25/2010 | Organic | Phenol-d5 | n/a | = | 31 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-4 | MO-VEN | srgt environ | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 4.69 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-VEN | srgt environ, rec | 3/22/2010 | Organic | Phenol-d5 | n/a | = | 23 | % | EPA 625 | -88 | -88 | 2 | 70 | X |
| 2009/10-4 | MO-VEN | srgt environ | 3/25/2010 | Organic | Phenol-d5 | n/a | = | 4.83 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-VEN | srgt environ, rec | 3/25/2010 | Organic | Phenol-d5 | n/a | = | 24 | % | EPA 8270Cm | -88 | -88 | 13 | 58 | X |
| 2009/10-4 | Lab | srgt LCS | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 6.76 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt LCS, rec | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 68 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-4 | Lab | srgt method blank | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 7.5 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt method blank, rec | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 75 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-4 | Lab | srgt LCS | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 5.48 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt LCS, rec | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 55 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-4 | Lab | srgt method blank | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 6.13 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt method blank, rec | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 61 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-4 | ME-CC | srgt environ | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 7.45 | µg/L | EPA 625 | -88 | -88 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | ME-CC | srgt environ, rec | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 74 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-4 | ME-CC | srgt environ | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 6.21 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | ME-CC | srgt environ, rec | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 62 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-4 | ME-SCR | srgt environ | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 8.38 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt environ, rec | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 84 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-4 | ME-SCR | srgt environ | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 6.49 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt environ, rec | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 65 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-4 | ME-VR2 | srgt environ | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 8.95 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 90 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-4 | ME-VR2 | srgt environ | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 7.28 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 73 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-4 | MO-CAM | srgt environ | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 8.92 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-CAM | srgt environ, rec | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 89 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-4 | MO-CAM | srgt environ | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 6.39 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-CAM | srgt environ, rec | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 64 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-4 | MO-MEI | srgt environ | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 10.7 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-MEI | srgt environ, rec | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 107 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-4 | MO-MEI | srgt environ | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 8.38 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-MEI | srgt environ, rec | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 84 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-4 | MO-OJA | srgt environ | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 9.52 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt environ, rec | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 95 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 6.83 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 7.25 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup, rec | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 72 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike, rec | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 68 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-4 | MO-OJA | srgt environ | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 7.72 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt environ, rec | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 77 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 5.47 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 5.95 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt matrix spike dup, rec | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 60 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-4 | MO-OJA | srgt matrix spike, rec | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 55 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-4 | MO-VEN | srgt environ | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 7.06 | µg/L | EPA 625 | -88 | -88 | | | X |
| 2009/10-4 | MO-VEN | srgt environ, rec | 3/22/2010 | Organic | p-Terphenyl-d14 | n/a | = | 71 | % | EPA 625 | -88 | -88 | 6 | 145 | X |
| 2009/10-4 | MO-VEN | srgt environ | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 5.75 | µg/L | EPA 8270Cm | -88 | -88 | | | X |
| 2009/10-4 | MO-VEN | srgt environ, rec | 3/25/2010 | Organic | p-Terphenyl-d14 | n/a | = | 58 | % | EPA 8270Cm | -88 | -88 | 19 | 134 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Organic | Pyrene | n/a | = | 3.75 | µg/L | EPA 8270Cm | 0.21 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Organic | Pyrene | n/a | = | 75 | % | EPA 8270Cm | -88 | -88 | 52 | 115 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Organic | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike | 3/25/2010 | Organic | Pyrene | n/a | = | 3.66 | µg/L | EPA 8270Cm | 0.21 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup | 3/25/2010 | Organic | Pyrene | n/a | = | 3.8 | µg/L | EPA 8270Cm | 0.21 | 0.5 | | | X |
| 2009/10-4 | MO-OJA | matrix spike dup, rec | 3/25/2010 | Organic | Pyrene | n/a | = | 76 | % | EPA 8270Cm | -88 | -88 | 52 | 115 | X |
| 2009/10-4 | MO-OJA | matrix spike, rec | 3/25/2010 | Organic | Pyrene | n/a | = | 73 | % | EPA 8270Cm | -88 | -88 | 52 | 115 | X |
| 2009/10-4 | MO-OJA | matrix spike, RPD | 3/25/2010 | Organic | Pyrene | n/a | = | 4 | % | EPA 8270Cm | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | srgt LCS | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0854 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt LCS, rec | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 85 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-4 | Lab | srgt method blank | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0881 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt method blank, rec | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 88 | % | EPA 608 | -88 | -88 | 26 | 131 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|-----------|-----|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | ME-CC | srgt environ | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0789 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | ME-CC | srgt environ, rec | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 79 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-4 | ME-SCR | srgt environ | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0947 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt environ, rec | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 95 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-4 | ME-SCR | srgt matrix spike | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0853 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt matrix spike dup | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0798 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt matrix spike dup, rec | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 80 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-4 | ME-SCR | srgt matrix spike, rec | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 85 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-4 | ME-VR2 | srgt environ | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0768 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 77 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-4 | MO-CAM | srgt environ | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0725 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | MO-CAM | srgt environ, rec | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 73 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-4 | MO-MEI | srgt environ | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0372 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | MO-MEI | srgt environ, rec | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 37 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-4 | MO-OJA | srgt environ | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0706 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt environ, rec | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 71 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-4 | MO-VEN | srgt environ | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.0565 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | MO-VEN | srgt environ, rec | 3/30/2010 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 56 | % | EPA 608 | -88 | -88 | 26 | 131 | X |
| 2009/10-4 | Lab | srgt LCS | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 4.4 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt LCS, rec | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 88 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-4 | Lab | srgt method blank | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 4.07 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt method blank, rec | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 81 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-4 | Lab | srgt LCS | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 0.938 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt LCS, rec | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 188 | % | EPA 525.2 | -88 | -88 | 71 | 150 | GN |
| 2009/10-4 | Lab | srgt method blank | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 0.743 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt method blank, rec | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 149 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-4 | ME-CC | srgt environ | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 4.75 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-CC | srgt environ, rec | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 95 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-4 | ME-CC | srgt environ | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 0.677 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-CC | srgt environ, rec | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 135 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-4 | ME-SCR | srgt environ | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 4.6 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt environ, rec | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 92 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-4 | ME-SCR | srgt matrix spike | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 4.95 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt matrix spike dup | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 4.7 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt matrix spike dup, rec | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 94 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-4 | ME-SCR | srgt matrix spike, rec | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-4 | ME-SCR | srgt environ | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 0.681 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt environ, rec | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 136 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-4 | ME-SCR | srgt matrix spike | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 0.695 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt matrix spike dup | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 0.473 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt matrix spike dup, rec | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 95 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-4 | ME-SCR | srgt matrix spike, rec | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 139 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-4 | ME-VR2 | srgt environ | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 4.65 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 93 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-4 | ME-VR2 | srgt environ | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 0.663 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 133 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-4 | MO-CAM | srgt environ | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 3.77 | µg/L | EPA 525.2 | -88 | -88 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|----------------------------|---------------|----------------|--------------------|----------|------|--------|-------|-----------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | MO-CAM | srgt environ, rec | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 75 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-4 | MO-CAM | srgt environ | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 0.745 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | MO-CAM | srgt environ, rec | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 149 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-4 | MO-MEI | srgt environ | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 4.25 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | MO-MEI | srgt environ, rec | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 85 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-4 | MO-MEI | srgt environ | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 0.481 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | MO-MEI | srgt environ, rec | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-4 | MO-OJA | srgt environ | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 4.58 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt environ, rec | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 92 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-4 | MO-OJA | srgt environ | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 0.561 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt environ, rec | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 112 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-4 | MO-VEN | srgt environ | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 4.07 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | MO-VEN | srgt environ, rec | 3/25/2010 | Organic | Triphenylphosphate | n/a | = | 81 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-4 | MO-VEN | srgt environ | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 0.355 | µg/L | EPA 525.2 | -88 | -88 | | | X |
| 2009/10-4 | MO-VEN | srgt environ, rec | 4/12/2010 | Organic | Triphenylphosphate | n/a | = | 71 | % | EPA 525.2 | -88 | -88 | 71 | 150 | X |
| 2009/10-4 | Lab | srgt LCS | 3/30/2010 | PCB | PCB 209 | n/a | = | 0.101 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt LCS, rec | 3/30/2010 | PCB | PCB 209 | n/a | = | 101 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-4 | Lab | srgt method blank | 3/30/2010 | PCB | PCB 209 | n/a | = | 0.0989 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | Lab | srgt method blank, rec | 3/30/2010 | PCB | PCB 209 | n/a | = | 99 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-4 | ME-CC | srgt environ | 3/30/2010 | PCB | PCB 209 | n/a | = | 0.0557 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | ME-CC | srgt environ, rec | 3/30/2010 | PCB | PCB 209 | n/a | = | 56 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-4 | ME-SCR | srgt environ | 3/30/2010 | PCB | PCB 209 | n/a | = | 0.05 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt environ, rec | 3/30/2010 | PCB | PCB 209 | n/a | = | 50 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-4 | ME-SCR | srgt matrix spike | 3/30/2010 | PCB | PCB 209 | n/a | = | 0.0513 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt matrix spike dup | 3/30/2010 | PCB | PCB 209 | n/a | = | 0.0453 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | ME-SCR | srgt matrix spike dup, rec | 3/30/2010 | PCB | PCB 209 | n/a | = | 45 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-4 | ME-SCR | srgt matrix spike, rec | 3/30/2010 | PCB | PCB 209 | n/a | = | 51 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-4 | ME-VR2 | srgt environ | 3/30/2010 | PCB | PCB 209 | n/a | = | 0.0602 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | ME-VR2 | srgt environ, rec | 3/30/2010 | PCB | PCB 209 | n/a | = | 60 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-4 | MO-CAM | srgt environ | 3/30/2010 | PCB | PCB 209 | n/a | = | 0.0286 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | MO-CAM | srgt environ, rec | 3/30/2010 | PCB | PCB 209 | n/a | = | 29 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-4 | MO-MEI | srgt environ | 3/30/2010 | PCB | PCB 209 | n/a | = | 0.0503 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | MO-MEI | srgt environ, rec | 3/30/2010 | PCB | PCB 209 | n/a | = | 50 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-4 | MO-OJA | srgt environ | 3/30/2010 | PCB | PCB 209 | n/a | = | 0.0226 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | MO-OJA | srgt environ, rec | 3/30/2010 | PCB | PCB 209 | n/a | = | 23 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-4 | MO-VEN | srgt environ | 3/30/2010 | PCB | PCB 209 | n/a | = | 0.0514 | µg/L | EPA 608 | -88 | -88 | | | X |
| 2009/10-4 | MO-VEN | srgt environ, rec | 3/30/2010 | PCB | PCB 209 | n/a | = | 51 | % | EPA 608 | -88 | -88 | 0.1 | 154 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | PCB | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | | | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | PCB | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | | | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | PCB | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | | | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | PCB | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | | | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | PCB | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | | | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | PCB | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | | | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | PCB | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS | 3/26/2010 | Pesticide | 2,4,5-T | n/a | = | 1.64 | µg/L | EPA 515.3 | 0.05 | 0.2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/26/2010 | Pesticide | 2,4,5-T | n/a | = | 82 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | Lab | method blank | 3/26/2010 | Pesticide | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|--------------------------|----------|------|--------|-------|-----------|-------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | ME-CC | matrix spike | 3/26/2010 | Pesticide | 2,4,5-T | n/a | = | 1.7 | µg/L | EPA 515.3 | 0.05 | 0.2 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/26/2010 | Pesticide | 2,4,5-T | n/a | = | 1.69 | µg/L | EPA 515.3 | 0.05 | 0.2 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/26/2010 | Pesticide | 2,4,5-T | n/a | = | 85 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/26/2010 | Pesticide | 2,4,5-T | n/a | = | 85 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/26/2010 | Pesticide | 2,4,5-T | n/a | = | 0.7 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/26/2010 | Pesticide | 2,4,5-TP | n/a | = | 1.79 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/26/2010 | Pesticide | 2,4,5-TP | n/a | = | 90 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | Lab | method blank | 3/26/2010 | Pesticide | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/26/2010 | Pesticide | 2,4,5-TP | n/a | = | 1.95 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/26/2010 | Pesticide | 2,4,5-TP | n/a | = | 1.94 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/26/2010 | Pesticide | 2,4,5-TP | n/a | = | 97 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/26/2010 | Pesticide | 2,4,5-TP | n/a | = | 97 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/26/2010 | Pesticide | 2,4,5-TP | n/a | = | 0.6 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/26/2010 | Pesticide | 2,4-D | n/a | = | 1.43 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/26/2010 | Pesticide | 2,4-D | n/a | = | 71 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | Lab | method blank | 3/26/2010 | Pesticide | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/26/2010 | Pesticide | 2,4-D | n/a | = | 1.78 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/26/2010 | Pesticide | 2,4-D | n/a | = | 1.82 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/26/2010 | Pesticide | 2,4-D | n/a | = | 91 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/26/2010 | Pesticide | 2,4-D | n/a | = | 89 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/26/2010 | Pesticide | 2,4-D | n/a | = | 3 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/26/2010 | Pesticide | 2,4-DB | n/a | = | 2.1 | µg/L | EPA 515.3 | 0.42 | 2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/26/2010 | Pesticide | 2,4-DB | n/a | = | 105 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | Lab | method blank | 3/26/2010 | Pesticide | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/26/2010 | Pesticide | 2,4-DB | n/a | = | 1.65 | µg/L | EPA 515.3 | 0.42 | 1.5 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/26/2010 | Pesticide | 2,4-DB | n/a | = | 1.8 | µg/L | EPA 515.3 | 0.42 | 1.5 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/26/2010 | Pesticide | 2,4-DB | n/a | = | 90 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/26/2010 | Pesticide | 2,4-DB | n/a | = | 82 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/26/2010 | Pesticide | 2,4-DB | n/a | = | 9 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | | | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | | | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS | 3/26/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 1.42 | µg/L | EPA 515.3 | 0.08 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/26/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 71 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | Lab | method blank | 3/26/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/26/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 2.01 | µg/L | EPA 515.3 | 0.08 | 1 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/26/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 2.26 | µg/L | EPA 515.3 | 0.08 | 1 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/26/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 113 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/26/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 101 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/26/2010 | Pesticide | 3,5-Dichlorobenzoic acid | n/a | = | 12 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Pesticide | 4,4'-DDD | n/a | = | 0.0751 | µg/L | EPA 608 | 0.003 | 0.05 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Pesticide | 4,4'-DDD | n/a | = | 75 | % | EPA 608 | -88 | -88 | 30 | 141 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/30/2010 | Pesticide | 4,4'-DDD | n/a | = | 0.0886 | µg/L | EPA 608 | 0.003 | 0.05 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/30/2010 | Pesticide | 4,4'-DDD | n/a | = | 0.0864 | µg/L | EPA 608 | 0.003 | 0.05 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/30/2010 | Pesticide | 4,4'-DDD | n/a | = | 86 | % | EPA 608 | -88 | -88 | 31 | 141 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/30/2010 | Pesticide | 4,4'-DDD | n/a | = | 89 | % | EPA 608 | -88 | -88 | 31 | 141 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-------------|----------|------|--------|-------|-----------|--------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/30/2010 | Pesticide | 4,4'-DDD | n/a | = | 2 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Pesticide | 4,4'-DDE | n/a | = | 0.083 | µg/L | EPA 608 | 0.0025 | 0.05 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Pesticide | 4,4'-DDE | n/a | = | 83 | % | EPA 608 | -88 | -88 | 30 | 145 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/30/2010 | Pesticide | 4,4'-DDE | n/a | = | 0.0812 | µg/L | EPA 608 | 0.0025 | 0.05 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/30/2010 | Pesticide | 4,4'-DDE | n/a | = | 0.0758 | µg/L | EPA 608 | 0.0025 | 0.05 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/30/2010 | Pesticide | 4,4'-DDE | n/a | = | 76 | % | EPA 608 | -88 | -88 | 30 | 145 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/30/2010 | Pesticide | 4,4'-DDE | n/a | = | 81 | % | EPA 608 | -88 | -88 | 30 | 145 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/30/2010 | Pesticide | 4,4'-DDE | n/a | = | 7 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Pesticide | 4,4'-DDT | n/a | = | 0.104 | µg/L | EPA 608 | 0.0031 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Pesticide | 4,4'-DDT | n/a | = | 104 | % | EPA 608 | -88 | -88 | 25 | 160 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/30/2010 | Pesticide | 4,4'-DDT | n/a | = | 0.106 | µg/L | EPA 608 | 0.0031 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/30/2010 | Pesticide | 4,4'-DDT | n/a | = | 0.102 | µg/L | EPA 608 | 0.0031 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/30/2010 | Pesticide | 4,4'-DDT | n/a | = | 102 | % | EPA 608 | -88 | -88 | 25 | 160 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/30/2010 | Pesticide | 4,4'-DDT | n/a | = | 106 | % | EPA 608 | -88 | -88 | 25 | 160 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/30/2010 | Pesticide | 4,4'-DDT | n/a | = | 4 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/26/2010 | Pesticide | Acifluorfen | n/a | = | 1.64 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/26/2010 | Pesticide | Acifluorfen | n/a | = | 82 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | Lab | method blank | 3/26/2010 | Pesticide | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/26/2010 | Pesticide | Acifluorfen | n/a | = | 1.86 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/26/2010 | Pesticide | Acifluorfen | n/a | = | 1.94 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/26/2010 | Pesticide | Acifluorfen | n/a | = | 97 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/26/2010 | Pesticide | Acifluorfen | n/a | = | 93 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/26/2010 | Pesticide | Acifluorfen | n/a | = | 4 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Pesticide | Alachlor | n/a | = | 4.9 | µg/L | EPA 525.2 | 0.07 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Pesticide | Alachlor | n/a | = | 98 | % | EPA 525.2 | -88 | -88 | 58 | 164 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Pesticide | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/25/2010 | Pesticide | Alachlor | n/a | = | 4.95 | µg/L | EPA 525.2 | 0.07 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/25/2010 | Pesticide | Alachlor | n/a | = | 5.33 | µg/L | EPA 525.2 | 0.07 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/25/2010 | Pesticide | Alachlor | n/a | = | 107 | % | EPA 525.2 | -88 | -88 | 58 | 177 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/25/2010 | Pesticide | Alachlor | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 58 | 177 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/25/2010 | Pesticide | Alachlor | n/a | = | 7 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Pesticide | Aldrin | n/a | = | 0.0856 | µg/L | EPA 608 | 0.0015 | 0.005 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Pesticide | Aldrin | n/a | = | 86 | % | EPA 608 | -88 | -88 | 42 | 122 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/30/2010 | Pesticide | Aldrin | n/a | = | 0.0807 | µg/L | EPA 608 | 0.0015 | 0.005 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/30/2010 | Pesticide | Aldrin | n/a | = | 0.0761 | µg/L | EPA 608 | 0.0015 | 0.005 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/30/2010 | Pesticide | Aldrin | n/a | = | 76 | % | EPA 608 | -88 | -88 | 42 | 122 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/30/2010 | Pesticide | Aldrin | n/a | = | 81 | % | EPA 608 | -88 | -88 | 42 | 122 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/30/2010 | Pesticide | Aldrin | n/a | = | 6 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Pesticide | alpha-BHC | n/a | = | 0.0851 | µg/L | EPA 608 | 0.0018 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Pesticide | alpha-BHC | n/a | = | 85 | % | EPA 608 | -88 | -88 | 37 | 134 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/30/2010 | Pesticide | alpha-BHC | n/a | = | 0.0788 | µg/L | EPA 608 | 0.0018 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/30/2010 | Pesticide | alpha-BHC | n/a | = | 0.0742 | µg/L | EPA 608 | 0.0018 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/30/2010 | Pesticide | alpha-BHC | n/a | = | 74 | % | EPA 608 | -88 | -88 | 37 | 134 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-----------------|----------|------|--------|-------|-----------|--------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/30/2010 | Pesticide | alpha-BHC | n/a | = | 79 | % | EPA 608 | -88 | -88 | 37 | 134 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/30/2010 | Pesticide | alpha-BHC | n/a | = | 6 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Pesticide | alpha-Chlordane | n/a | = | 0.0944 | µg/L | EPA 608 | 0.0041 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Pesticide | alpha-Chlordane | n/a | = | 94 | % | EPA 608 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | alpha-Chlordane | n/a | < | 0.0041 | µg/L | EPA 608 | 0.0041 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/30/2010 | Pesticide | alpha-Chlordane | n/a | = | 0.0916 | µg/L | EPA 608 | 0.0041 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/30/2010 | Pesticide | alpha-Chlordane | n/a | = | 0.0854 | µg/L | EPA 608 | 0.0041 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/30/2010 | Pesticide | alpha-Chlordane | n/a | = | 85 | % | EPA 608 | -88 | -88 | 60 | 130 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/30/2010 | Pesticide | alpha-Chlordane | n/a | = | 92 | % | EPA 608 | -88 | -88 | 60 | 130 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/30/2010 | Pesticide | alpha-Chlordane | n/a | = | 7 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Pesticide | Atrazine | n/a | = | 5.11 | µg/L | EPA 525.2 | 0.047 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Pesticide | Atrazine | n/a | = | 102 | % | EPA 525.2 | -88 | -88 | 68 | 133 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Pesticide | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/25/2010 | Pesticide | Atrazine | n/a | = | 5.66 | µg/L | EPA 525.2 | 0.047 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/25/2010 | Pesticide | Atrazine | n/a | = | 5.51 | µg/L | EPA 525.2 | 0.047 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/25/2010 | Pesticide | Atrazine | n/a | = | 110 | % | EPA 525.2 | -88 | -88 | 53 | 142 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/25/2010 | Pesticide | Atrazine | n/a | = | 113 | % | EPA 525.2 | -88 | -88 | 53 | 142 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/25/2010 | Pesticide | Atrazine | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Azinphos methyl | n/a | = | 0.493 | µg/L | EPA 525.2 | 0.0055 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Azinphos methyl | n/a | = | 986 | % | EPA 525.2 | -88 | -88 | 53 | 303 | EUM |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Azinphos methyl | n/a | < | 0.0055 | µg/L | EPA 525.2 | 0.0055 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Azinphos methyl | n/a | = | 0.45 | µg/L | EPA 525.2 | 0.0055 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Azinphos methyl | n/a | = | 0.473 | µg/L | EPA 525.2 | 0.0055 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Azinphos methyl | n/a | = | 946 | % | EPA 525.2 | -88 | -88 | 53 | 303 | GB |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Azinphos methyl | n/a | = | 901 | % | EPA 525.2 | -88 | -88 | 53 | 303 | GB |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Azinphos methyl | n/a | = | 5 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | LCS | 3/26/2010 | Pesticide | Bentazon | n/a | = | 2.47 | µg/L | EPA 515.3 | 0.23 | 2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/26/2010 | Pesticide | Bentazon | n/a | = | 124 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | Lab | method blank | 3/26/2010 | Pesticide | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/26/2010 | Pesticide | Bentazon | n/a | = | 3.68 | µg/L | EPA 515.3 | 0.23 | 2 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/26/2010 | Pesticide | Bentazon | n/a | = | 3.5 | µg/L | EPA 515.3 | 0.23 | 2 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/26/2010 | Pesticide | Bentazon | n/a | = | 175 | % | EPA 515.3 | -88 | -88 | 70 | 130 | GB |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/26/2010 | Pesticide | Bentazon | n/a | = | 184 | % | EPA 515.3 | -88 | -88 | 70 | 130 | GB |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/26/2010 | Pesticide | Bentazon | n/a | = | 5 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Pesticide | beta-BHC | n/a | = | 0.0875 | µg/L | EPA 608 | 0.0031 | 0.005 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Pesticide | beta-BHC | n/a | = | 88 | % | EPA 608 | -88 | -88 | 14 | 147 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/30/2010 | Pesticide | beta-BHC | n/a | = | 0.0912 | µg/L | EPA 608 | 0.0031 | 0.005 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/30/2010 | Pesticide | beta-BHC | n/a | = | 0.0835 | µg/L | EPA 608 | 0.0031 | 0.005 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/30/2010 | Pesticide | beta-BHC | n/a | = | 83 | % | EPA 608 | -88 | -88 | 17 | 147 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/30/2010 | Pesticide | beta-BHC | n/a | = | 91 | % | EPA 608 | -88 | -88 | 17 | 147 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/30/2010 | Pesticide | beta-BHC | n/a | = | 9 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Bolstar | n/a | = | 0.0768 | µg/L | EPA 525.2 | 0.0046 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Bolstar | n/a | = | 154 | % | EPA 525.2 | -88 | -88 | 70 | 214 | X |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Bolstar | n/a | < | 0.0046 | µg/L | EPA 525.2 | 0.0046 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Bolstar | n/a | = | 0.0528 | µg/L | EPA 525.2 | 0.0046 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Bolstar | n/a | = | 0.0569 | µg/L | EPA 525.2 | 0.0046 | 0.01 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-----------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Bolstar | n/a | = | 114 | % | EPA 525.2 | -88 | -88 | 70 | 214 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Bolstar | n/a | = | 106 | % | EPA 525.2 | -88 | -88 | 70 | 214 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Bolstar | n/a | = | 7 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Pesticide | Bromacil | n/a | = | 4.79 | µg/L | EPA 525.2 | 0.9 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Pesticide | Bromacil | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 43 | 177 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Pesticide | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/25/2010 | Pesticide | Bromacil | n/a | = | 5.47 | µg/L | EPA 525.2 | 0.9 | 1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/25/2010 | Pesticide | Bromacil | n/a | = | 5.36 | µg/L | EPA 525.2 | 0.9 | 1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/25/2010 | Pesticide | Bromacil | n/a | = | 107 | % | EPA 525.2 | -88 | -88 | 71 | 182 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/25/2010 | Pesticide | Bromacil | n/a | = | 109 | % | EPA 525.2 | -88 | -88 | 71 | 182 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/25/2010 | Pesticide | Bromacil | n/a | = | 2 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Pesticide | Butachlor | n/a | = | 5.42 | µg/L | EPA 525.2 | 0.1 | 0.2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Pesticide | Butachlor | n/a | = | 108 | % | EPA 525.2 | -88 | -88 | 55 | 178 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Pesticide | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/25/2010 | Pesticide | Butachlor | n/a | = | 4.55 | µg/L | EPA 525.2 | 0.1 | 0.2 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/25/2010 | Pesticide | Butachlor | n/a | = | 5.5 | µg/L | EPA 525.2 | 0.1 | 0.2 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/25/2010 | Pesticide | Butachlor | n/a | = | 110 | % | EPA 525.2 | -88 | -88 | 67 | 181 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/25/2010 | Pesticide | Butachlor | n/a | = | 91 | % | EPA 525.2 | -88 | -88 | 67 | 181 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/25/2010 | Pesticide | Butachlor | n/a | = | 19 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Pesticide | Captan | n/a | = | 4.28 | µg/L | EPA 525.2 | 0.86 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Pesticide | Captan | n/a | = | 86 | % | EPA 525.2 | -88 | -88 | 20 | 215 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Pesticide | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/25/2010 | Pesticide | Captan | n/a | = | 5.66 | µg/L | EPA 525.2 | 0.86 | 1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/25/2010 | Pesticide | Captan | n/a | = | 5.23 | µg/L | EPA 525.2 | 0.86 | 1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/25/2010 | Pesticide | Captan | n/a | = | 105 | % | EPA 525.2 | -88 | -88 | 45 | 182 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/25/2010 | Pesticide | Captan | n/a | = | 113 | % | EPA 525.2 | -88 | -88 | 45 | 182 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/25/2010 | Pesticide | Captan | n/a | = | 8 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Pesticide | Chloropropham | n/a | = | 5.34 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Pesticide | Chloropropham | n/a | = | 107 | % | EPA 525.2 | -88 | -88 | 74 | 133 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Pesticide | Chloropropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/25/2010 | Pesticide | Chloropropham | n/a | = | 5.52 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/25/2010 | Pesticide | Chloropropham | n/a | = | 5.55 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/25/2010 | Pesticide | Chloropropham | n/a | = | 111 | % | EPA 525.2 | -88 | -88 | 76 | 137 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/25/2010 | Pesticide | Chloropropham | n/a | = | 110 | % | EPA 525.2 | -88 | -88 | 76 | 137 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/25/2010 | Pesticide | Chloropropham | n/a | = | 0.5 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Chlorpyrifos | n/a | = | 0.0956 | µg/L | EPA 525.2 | 0.0069 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Chlorpyrifos | n/a | = | 191 | % | EPA 525.2 | -88 | -88 | 70 | 131 | EUM |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Chlorpyrifos | n/a | < | 0.0069 | µg/L | EPA 525.2 | 0.0069 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Chlorpyrifos | n/a | = | 0.0616 | µg/L | EPA 525.2 | 0.0069 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Chlorpyrifos | n/a | = | 0.0643 | µg/L | EPA 525.2 | 0.0069 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Chlorpyrifos | n/a | = | 129 | % | EPA 525.2 | -88 | -88 | 70 | 131 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Chlorpyrifos | n/a | = | 123 | % | EPA 525.2 | -88 | -88 | 70 | 131 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Chlorpyrifos | n/a | = | 4 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Coumaphos | n/a | = | 0.229 | µg/L | EPA 525.2 | 0.0051 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Coumaphos | n/a | = | 458 | % | EPA 525.2 | -88 | -88 | 70 | 271 | EUM |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Coumaphos | n/a | < | 0.0051 | µg/L | EPA 525.2 | 0.0051 | 0.01 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|----------------|----------|------|--------|-------|-----------|--------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Coumaphos | n/a | = | 0.181 | µg/L | EPA 525.2 | 0.0051 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Coumaphos | n/a | = | 0.183 | µg/L | EPA 525.2 | 0.0051 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Coumaphos | n/a | = | 366 | % | EPA 525.2 | -88 | -88 | 70 | 271 | GB |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Coumaphos | n/a | = | 362 | % | EPA 525.2 | -88 | -88 | 70 | 271 | GB |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Coumaphos | n/a | = | 0.9 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Pesticide | Cyanazine | n/a | = | 4.96 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Pesticide | Cyanazine | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 69 | 131 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Pesticide | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/25/2010 | Pesticide | Cyanazine | n/a | = | 4.37 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/25/2010 | Pesticide | Cyanazine | n/a | = | 4.46 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/25/2010 | Pesticide | Cyanazine | n/a | = | 89 | % | EPA 525.2 | -88 | -88 | 26 | 145 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/25/2010 | Pesticide | Cyanazine | n/a | = | 87 | % | EPA 525.2 | -88 | -88 | 26 | 145 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/25/2010 | Pesticide | Cyanazine | n/a | = | 2 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/26/2010 | Pesticide | Dalapon | n/a | = | 1.86 | µg/L | EPA 515.3 | 0.04 | 0.4 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/26/2010 | Pesticide | Dalapon | n/a | = | 93 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | Lab | method blank | 3/26/2010 | Pesticide | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/26/2010 | Pesticide | Dalapon | n/a | = | 1.92 | µg/L | EPA 515.3 | 0.04 | 0.4 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/26/2010 | Pesticide | Dalapon | n/a | = | 1.98 | µg/L | EPA 515.3 | 0.04 | 0.4 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/26/2010 | Pesticide | Dalapon | n/a | = | 99 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/26/2010 | Pesticide | Dalapon | n/a | = | 96 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/26/2010 | Pesticide | Dalapon | n/a | = | 3 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/26/2010 | Pesticide | DCPA (Dacthal) | n/a | = | 1.42 | µg/L | EPA 515.3 | 0.02 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/26/2010 | Pesticide | DCPA (Dacthal) | n/a | = | 71 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | Lab | method blank | 3/26/2010 | Pesticide | DCPA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/26/2010 | Pesticide | DCPA (Dacthal) | n/a | = | 12.2 | µg/L | EPA 515.3 | 0.02 | 0.1 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/26/2010 | Pesticide | DCPA (Dacthal) | n/a | = | 12.1 | µg/L | EPA 515.3 | 0.02 | 0.1 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/26/2010 | Pesticide | DCPA (Dacthal) | n/a | = | 81 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/26/2010 | Pesticide | DCPA (Dacthal) | n/a | = | 85 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/26/2010 | Pesticide | DCPA (Dacthal) | n/a | = | 0.6 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Pesticide | delta-BHC | n/a | = | 0.0848 | µg/L | EPA 608 | 0.0025 | 0.005 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Pesticide | delta-BHC | n/a | = | 85 | % | EPA 608 | -88 | -88 | 19 | 140 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/30/2010 | Pesticide | delta-BHC | n/a | = | 0.0913 | µg/L | EPA 608 | 0.0025 | 0.005 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/30/2010 | Pesticide | delta-BHC | n/a | = | 0.0837 | µg/L | EPA 608 | 0.0025 | 0.005 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/30/2010 | Pesticide | delta-BHC | n/a | = | 84 | % | EPA 608 | -88 | -88 | 19 | 140 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/30/2010 | Pesticide | delta-BHC | n/a | = | 91 | % | EPA 608 | -88 | -88 | 19 | 140 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/30/2010 | Pesticide | delta-BHC | n/a | = | 9 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Demeton-O | n/a | = | 0.0681 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Demeton-O | n/a | = | 136 | % | EPA 525.2 | -88 | -88 | 37 | 295 | X |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Demeton-O | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Demeton-O | n/a | = | 0.0579 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Demeton-O | n/a | = | 0.0607 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Demeton-O | n/a | = | 121 | % | EPA 525.2 | -88 | -88 | 37 | 295 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Demeton-O | n/a | = | 116 | % | EPA 525.2 | -88 | -88 | 37 | 295 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Demeton-O | n/a | = | 5 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Demeton-S | n/a | = | 0.0848 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Demeton-S | n/a | = | 170 | % | EPA 525.2 | -88 | -88 | 70 | 159 | EUM |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Demeton-S | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Demeton-S | n/a | = | 0.0731 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Demeton-S | n/a | = | 0.077 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Demeton-S | n/a | = | 154 | % | EPA 525.2 | -88 | -88 | 70 | 159 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Demeton-S | n/a | = | 146 | % | EPA 525.2 | -88 | -88 | 70 | 159 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Demeton-S | n/a | = | 5 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Diazinon | n/a | = | 0.0683 | µg/L | EPA 525.2 | 0.0052 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Diazinon | n/a | = | 137 | % | EPA 525.2 | -88 | -88 | 70 | 163 | X |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Diazinon | n/a | < | 0.0052 | µg/L | EPA 525.2 | 0.0052 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Diazinon | n/a | = | 0.05 | µg/L | EPA 525.2 | 0.0052 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Diazinon | n/a | = | 0.0554 | µg/L | EPA 525.2 | 0.0052 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Diazinon | n/a | = | 111 | % | EPA 525.2 | -88 | -88 | 70 | 163 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Diazinon | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 70 | 163 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Diazinon | n/a | = | 10 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | LCS | 3/26/2010 | Pesticide | Dicamba | n/a | = | 1.79 | µg/L | EPA 515.3 | 0.08 | 0.6 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/26/2010 | Pesticide | Dicamba | n/a | = | 90 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | Lab | method blank | 3/26/2010 | Pesticide | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/26/2010 | Pesticide | Dicamba | n/a | = | 1.68 | µg/L | EPA 515.3 | 0.08 | 0.6 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/26/2010 | Pesticide | Dicamba | n/a | = | 1.59 | µg/L | EPA 515.3 | 0.08 | 0.6 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/26/2010 | Pesticide | Dicamba | n/a | = | 79 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/26/2010 | Pesticide | Dicamba | n/a | = | 84 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/26/2010 | Pesticide | Dicamba | n/a | = | 5 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/26/2010 | Pesticide | Dichlorprop | n/a | = | 1.85 | µg/L | EPA 515.3 | 0.06 | 0.3 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/26/2010 | Pesticide | Dichlorprop | n/a | = | 92 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | Lab | method blank | 3/26/2010 | Pesticide | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/26/2010 | Pesticide | Dichlorprop | n/a | = | 2.22 | µg/L | EPA 515.3 | 0.06 | 0.3 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/26/2010 | Pesticide | Dichlorprop | n/a | = | 2.29 | µg/L | EPA 515.3 | 0.06 | 0.3 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/26/2010 | Pesticide | Dichlorprop | n/a | = | 115 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/26/2010 | Pesticide | Dichlorprop | n/a | = | 111 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/26/2010 | Pesticide | Dichlorprop | n/a | = | 3 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Dichlorvos | n/a | = | 0.0777 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Dichlorvos | n/a | = | 155 | % | EPA 525.2 | -88 | -88 | 70 | 161 | X |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Dichlorvos | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Dichlorvos | n/a | = | 0.0661 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Dichlorvos | n/a | = | 0.0674 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Dichlorvos | n/a | = | 135 | % | EPA 525.2 | -88 | -88 | 70 | 161 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Dichlorvos | n/a | = | 132 | % | EPA 525.2 | -88 | -88 | 70 | 161 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Dichlorvos | n/a | = | 2 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Pesticide | Dieldrin | n/a | = | 0.0989 | µg/L | EPA 608 | 0.0021 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Pesticide | Dieldrin | n/a | = | 99 | % | EPA 608 | -88 | -88 | 36 | 146 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/30/2010 | Pesticide | Dieldrin | n/a | = | 0.0974 | µg/L | EPA 608 | 0.0021 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/30/2010 | Pesticide | Dieldrin | n/a | = | 0.0899 | µg/L | EPA 608 | 0.0021 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/30/2010 | Pesticide | Dieldrin | n/a | = | 90 | % | EPA 608 | -88 | -88 | 36 | 146 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/30/2010 | Pesticide | Dieldrin | n/a | = | 97 | % | EPA 608 | -88 | -88 | 36 | 146 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/30/2010 | Pesticide | Dieldrin | n/a | = | 8 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Dimethoate | n/a | = | 0.108 | µg/L | EPA 525.2 | 0.0062 | 0.01 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|---------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Dimethoate | n/a | = | 216 | % | EPA 525.2 | -88 | -88 | 70 | 352 | X |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Dimethoate | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Dimethoate | n/a | = | 0.0953 | µg/L | EPA 525.2 | 0.0062 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Dimethoate | n/a | = | 0.109 | µg/L | EPA 525.2 | 0.0062 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Dimethoate | n/a | = | 218 | % | EPA 525.2 | -88 | -88 | 70 | 352 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Dimethoate | n/a | = | 191 | % | EPA 525.2 | -88 | -88 | 70 | 352 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Dimethoate | n/a | = | 13 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | LCS | 3/26/2010 | Pesticide | Dinoseb | n/a | = | 1.73 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/26/2010 | Pesticide | Dinoseb | n/a | = | 87 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | Lab | method blank | 3/26/2010 | Pesticide | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/26/2010 | Pesticide | Dinoseb | n/a | = | 1.79 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/26/2010 | Pesticide | Dinoseb | n/a | = | 1.81 | µg/L | EPA 515.3 | 0.05 | 0.4 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/26/2010 | Pesticide | Dinoseb | n/a | = | 91 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/26/2010 | Pesticide | Dinoseb | n/a | = | 89 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/26/2010 | Pesticide | Dinoseb | n/a | = | 1 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Pesticide | Diphenamid | n/a | = | 4.98 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Pesticide | Diphenamid | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 82 | 144 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Pesticide | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/25/2010 | Pesticide | Diphenamid | n/a | = | 5.61 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/25/2010 | Pesticide | Diphenamid | n/a | = | 5.25 | µg/L | EPA 525.2 | 0.02 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/25/2010 | Pesticide | Diphenamid | n/a | = | 105 | % | EPA 525.2 | -88 | -88 | 86 | 130 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/25/2010 | Pesticide | Diphenamid | n/a | = | 112 | % | EPA 525.2 | -88 | -88 | 86 | 130 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/25/2010 | Pesticide | Diphenamid | n/a | = | 7 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Disulfoton | n/a | = | 0.0648 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Disulfoton | n/a | = | 130 | % | EPA 525.2 | -88 | -88 | 56 | 269 | X |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Disulfoton | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Disulfoton | n/a | = | 0.0434 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Disulfoton | n/a | = | 0.0518 | µg/L | EPA 525.2 | 0.01 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Disulfoton | n/a | = | 104 | % | EPA 525.2 | -88 | -88 | 56 | 269 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Disulfoton | n/a | = | 87 | % | EPA 525.2 | -88 | -88 | 56 | 269 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Disulfoton | n/a | = | 18 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Pesticide | Endosulfan I | n/a | = | 0.0835 | µg/L | EPA 608 | 0.0017 | 0.02 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Pesticide | Endosulfan I | n/a | = | 83 | % | EPA 608 | -88 | -88 | 45 | 153 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/30/2010 | Pesticide | Endosulfan I | n/a | = | 0.0847 | µg/L | EPA 608 | 0.0017 | 0.02 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/30/2010 | Pesticide | Endosulfan I | n/a | = | 0.0779 | µg/L | EPA 608 | 0.0017 | 0.02 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/30/2010 | Pesticide | Endosulfan I | n/a | = | 78 | % | EPA 608 | -88 | -88 | 45 | 153 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/30/2010 | Pesticide | Endosulfan I | n/a | = | 85 | % | EPA 608 | -88 | -88 | 45 | 153 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/30/2010 | Pesticide | Endosulfan I | n/a | = | 8 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Pesticide | Endosulfan II | n/a | = | 0.0956 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Pesticide | Endosulfan II | n/a | = | 96 | % | EPA 608 | -88 | -88 | 2 | 202 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/30/2010 | Pesticide | Endosulfan II | n/a | = | 0.091 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/30/2010 | Pesticide | Endosulfan II | n/a | = | 0.0865 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/30/2010 | Pesticide | Endosulfan II | n/a | = | 87 | % | EPA 608 | -88 | -88 | 2 | 202 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/30/2010 | Pesticide | Endosulfan II | n/a | = | 91 | % | EPA 608 | -88 | -88 | 2 | 202 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/30/2010 | Pesticide | Endosulfan II | n/a | = | 5 | % | EPA 608 | -88 | -88 | 0 | 30 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|--------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Pesticide | Endosulfan sulfate | n/a | = | 0.0967 | µg/L | EPA 608 | 0.008 | 0.05 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Pesticide | Endosulfan sulfate | n/a | = | 97 | % | EPA 608 | -88 | -88 | 26 | 144 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/30/2010 | Pesticide | Endosulfan sulfate | n/a | = | 0.111 | µg/L | EPA 608 | 0.008 | 0.05 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/30/2010 | Pesticide | Endosulfan sulfate | n/a | = | 0.105 | µg/L | EPA 608 | 0.008 | 0.05 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/30/2010 | Pesticide | Endosulfan sulfate | n/a | = | 105 | % | EPA 608 | -88 | -88 | 26 | 144 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/30/2010 | Pesticide | Endosulfan sulfate | n/a | = | 111 | % | EPA 608 | -88 | -88 | 26 | 144 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/30/2010 | Pesticide | Endosulfan sulfate | n/a | = | 6 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Pesticide | Endrin | n/a | = | 0.0902 | µg/L | EPA 608 | 0.0028 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Pesticide | Endrin | n/a | = | 90 | % | EPA 608 | -88 | -88 | 30 | 147 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/30/2010 | Pesticide | Endrin | n/a | = | 0.104 | µg/L | EPA 608 | 0.0028 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/30/2010 | Pesticide | Endrin | n/a | = | 0.0963 | µg/L | EPA 608 | 0.0028 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/30/2010 | Pesticide | Endrin | n/a | = | 96 | % | EPA 608 | -88 | -88 | 30 | 147 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/30/2010 | Pesticide | Endrin | n/a | = | 104 | % | EPA 608 | -88 | -88 | 30 | 147 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/30/2010 | Pesticide | Endrin | n/a | = | 8 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Pesticide | Endrin aldehyde | n/a | = | 0.102 | µg/L | EPA 608 | 0.003 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Pesticide | Endrin aldehyde | n/a | = | 102 | % | EPA 608 | -88 | -88 | 41 | 203 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/30/2010 | Pesticide | Endrin aldehyde | n/a | = | 0.0971 | µg/L | EPA 608 | 0.003 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/30/2010 | Pesticide | Endrin aldehyde | n/a | = | 0.0881 | µg/L | EPA 608 | 0.003 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/30/2010 | Pesticide | Endrin aldehyde | n/a | = | 88 | % | EPA 608 | -88 | -88 | 30 | 180 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/30/2010 | Pesticide | Endrin aldehyde | n/a | = | 97 | % | EPA 608 | -88 | -88 | 30 | 180 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/30/2010 | Pesticide | Endrin aldehyde | n/a | = | 10 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Pesticide | EPTC | n/a | = | 4.67 | µg/L | EPA 525.2 | 0.23 | 1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Pesticide | EPTC | n/a | = | 93 | % | EPA 525.2 | -88 | -88 | 75 | 110 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Pesticide | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/25/2010 | Pesticide | EPTC | n/a | = | 4.84 | µg/L | EPA 525.2 | 0.23 | 1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/25/2010 | Pesticide | EPTC | n/a | = | 4.67 | µg/L | EPA 525.2 | 0.23 | 1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/25/2010 | Pesticide | EPTC | n/a | = | 93 | % | EPA 525.2 | -88 | -88 | 67 | 119 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/25/2010 | Pesticide | EPTC | n/a | = | 97 | % | EPA 525.2 | -88 | -88 | 67 | 119 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/25/2010 | Pesticide | EPTC | n/a | = | 4 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Ethoprop | n/a | = | 0.0718 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Ethoprop | n/a | = | 144 | % | EPA 525.2 | -88 | -88 | 70 | 155 | X |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Ethoprop | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Ethoprop | n/a | = | 0.0585 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Ethoprop | n/a | = | 0.0627 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Ethoprop | n/a | = | 125 | % | EPA 525.2 | -88 | -88 | 70 | 155 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Ethoprop | n/a | = | 117 | % | EPA 525.2 | -88 | -88 | 70 | 155 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Ethoprop | n/a | = | 7 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Ethyl parathion | n/a | = | 0.0663 | µg/L | EPA 525.2 | 0.0054 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Ethyl parathion | n/a | = | 133 | % | EPA 525.2 | -88 | -88 | 70 | 242 | X |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Ethyl parathion | n/a | < | 0.0054 | µg/L | EPA 525.2 | 0.0054 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Ethyl parathion | n/a | = | 0.0493 | µg/L | EPA 525.2 | 0.0054 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Ethyl parathion | n/a | = | 0.0561 | µg/L | EPA 525.2 | 0.0054 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Ethyl parathion | n/a | = | 112 | % | EPA 525.2 | -88 | -88 | 70 | 242 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Ethyl parathion | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 70 | 242 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|----------|-----------------------|---------------|----------------|---------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Ethyl parathion | n/a | = | 13 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Fensulfothion | n/a | = | 0.0606 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Fensulfothion | n/a | = | 121 | % | EPA 525.2 | -88 | -88 | 70 | 169 | X |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Fensulfothion | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Fensulfothion | n/a | = | 0.0722 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Fensulfothion | n/a | = | 0.06 | µg/L | EPA 525.2 | 0.0029 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Fensulfothion | n/a | = | 120 | % | EPA 525.2 | -88 | -88 | 70 | 169 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Fensulfothion | n/a | = | 144 | % | EPA 525.2 | -88 | -88 | 70 | 169 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Fensulfothion | n/a | = | 18 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Fenthion | n/a | = | 0.101 | µg/L | EPA 525.2 | 0.0038 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Fenthion | n/a | = | 202 | % | EPA 525.2 | -88 | -88 | 70 | 163 | EUM |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Fenthion | n/a | < | 0.0038 | µg/L | EPA 525.2 | 0.0038 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Fenthion | n/a | = | 0.0725 | µg/L | EPA 525.2 | 0.0038 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Fenthion | n/a | = | 0.0802 | µg/L | EPA 525.2 | 0.0038 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Fenthion | n/a | = | 160 | % | EPA 525.2 | -88 | -88 | 70 | 163 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Fenthion | n/a | = | 145 | % | EPA 525.2 | -88 | -88 | 70 | 163 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Fenthion | n/a | = | 10 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 0.0863 | µg/L | EPA 608 | 0.0021 | 0.02 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 86 | % | EPA 608 | -88 | -88 | 32 | 127 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/30/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 0.0829 | µg/L | EPA 608 | 0.0021 | 0.02 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/30/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 0.0774 | µg/L | EPA 608 | 0.0021 | 0.02 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/30/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 77 | % | EPA 608 | -88 | -88 | 32 | 127 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/30/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 83 | % | EPA 608 | -88 | -88 | 32 | 127 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/30/2010 | Pesticide | gamma-BHC (Lindane) | n/a | = | 7 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Pesticide | gamma-Chlordane | n/a | = | 0.0929 | µg/L | EPA 608 | 0.0044 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Pesticide | gamma-Chlordane | n/a | = | 93 | % | EPA 608 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | gamma-Chlordane | n/a | < | 0.0044 | µg/L | EPA 608 | 0.0044 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/30/2010 | Pesticide | gamma-Chlordane | n/a | = | 0.0897 | µg/L | EPA 608 | 0.0044 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/30/2010 | Pesticide | gamma-Chlordane | n/a | = | 0.0829 | µg/L | EPA 608 | 0.0044 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/30/2010 | Pesticide | gamma-Chlordane | n/a | = | 83 | % | EPA 608 | -88 | -88 | 60 | 130 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/30/2010 | Pesticide | gamma-Chlordane | n/a | = | 90 | % | EPA 608 | -88 | -88 | 60 | 130 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/30/2010 | Pesticide | gamma-Chlordane | n/a | = | 8 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | 000NONPJ | matrix spike | 3/22/2010 | Pesticide | Glyphosate | n/a | = | 23.8 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike | 3/22/2010 | Pesticide | Glyphosate | n/a | = | 22 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup | 3/22/2010 | Pesticide | Glyphosate | n/a | = | 23.4 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup | 3/22/2010 | Pesticide | Glyphosate | n/a | = | 19.5 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 3/22/2010 | Pesticide | Glyphosate | n/a | = | 78 | % | EPA 547 | -88 | -88 | 68 | 134 | X |
| 2009/10-4 | 000NONPJ | matrix spike dup, rec | 3/22/2010 | Pesticide | Glyphosate | n/a | = | 94 | % | EPA 547 | -88 | -88 | 68 | 134 | X |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 3/22/2010 | Pesticide | Glyphosate | n/a | = | 88 | % | EPA 547 | -88 | -88 | 68 | 134 | X |
| 2009/10-4 | 000NONPJ | matrix spike, rec | 3/22/2010 | Pesticide | Glyphosate | n/a | = | 95 | % | EPA 547 | -88 | -88 | 68 | 134 | X |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 3/22/2010 | Pesticide | Glyphosate | n/a | = | 6 | % | EPA 547 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | 000NONPJ | matrix spike, RPD | 3/22/2010 | Pesticide | Glyphosate | n/a | = | 20 | % | EPA 547 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/22/2010 | Pesticide | Glyphosate | n/a | = | 20.7 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/22/2010 | Pesticide | Glyphosate | n/a | = | 83 | % | EPA 547 | -88 | -88 | 71 | 137 | X |
| 2009/10-4 | Lab | method blank | 3/22/2010 | Pesticide | Glyphosate | n/a | < | 1.8 | µg/L | EPA 547 | 1.8 | 5 | | | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Pesticide | Heptachlor | n/a | = | 0.0827 | µg/L | EPA 608 | 0.0017 | 0.01 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|--------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Pesticide | Heptachlor | n/a | = | 83 | % | EPA 608 | -88 | -88 | 34 | 111 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/30/2010 | Pesticide | Heptachlor | n/a | = | 0.0841 | µg/L | EPA 608 | 0.0017 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/30/2010 | Pesticide | Heptachlor | n/a | = | 0.0801 | µg/L | EPA 608 | 0.0017 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/30/2010 | Pesticide | Heptachlor | n/a | = | 80 | % | EPA 608 | -88 | -88 | 34 | 111 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/30/2010 | Pesticide | Heptachlor | n/a | = | 84 | % | EPA 608 | -88 | -88 | 34 | 111 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/30/2010 | Pesticide | Heptachlor | n/a | = | 5 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/30/2010 | Pesticide | Heptachlor epoxide | n/a | = | 0.0935 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/30/2010 | Pesticide | Heptachlor epoxide | n/a | = | 93 | % | EPA 608 | -88 | -88 | 37 | 142 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/30/2010 | Pesticide | Heptachlor epoxide | n/a | = | 0.0899 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/30/2010 | Pesticide | Heptachlor epoxide | n/a | = | 0.0842 | µg/L | EPA 608 | 0.0019 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/30/2010 | Pesticide | Heptachlor epoxide | n/a | = | 84 | % | EPA 608 | -88 | -88 | 37 | 142 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/30/2010 | Pesticide | Heptachlor epoxide | n/a | = | 90 | % | EPA 608 | -88 | -88 | 37 | 142 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/30/2010 | Pesticide | Heptachlor epoxide | n/a | = | 7 | % | EPA 608 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Malathion | n/a | = | 0.145 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Malathion | n/a | = | 291 | % | EPA 525.2 | -88 | -88 | 70 | 208 | EUM |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Malathion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Malathion | n/a | = | 0.113 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Malathion | n/a | = | 0.121 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Malathion | n/a | = | 242 | % | EPA 525.2 | -88 | -88 | 70 | 208 | GB |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Malathion | n/a | = | 226 | % | EPA 525.2 | -88 | -88 | 70 | 208 | GB |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Malathion | n/a | = | 7 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Merphos | n/a | = | 0.176 | µg/L | EPA 525.2 | 0.0058 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Merphos | n/a | = | 353 | % | EPA 525.2 | -88 | -88 | 70 | 161 | EUM |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Merphos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Merphos | n/a | = | 0.131 | µg/L | EPA 525.2 | 0.0058 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Merphos | n/a | = | 0.141 | µg/L | EPA 525.2 | 0.0058 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Merphos | n/a | = | 282 | % | EPA 525.2 | -88 | -88 | 70 | 161 | GB |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Merphos | n/a | = | 262 | % | EPA 525.2 | -88 | -88 | 70 | 161 | GB |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Merphos | n/a | = | 7 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | | | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Methyl parathion | n/a | = | 0.0741 | µg/L | EPA 525.2 | 0.0063 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Methyl parathion | n/a | = | 148 | % | EPA 525.2 | -88 | -88 | 70 | 229 | X |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Methyl parathion | n/a | < | 0.0063 | µg/L | EPA 525.2 | 0.0063 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Methyl parathion | n/a | = | 0.0631 | µg/L | EPA 525.2 | 0.0063 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Methyl parathion | n/a | = | 0.0701 | µg/L | EPA 525.2 | 0.0063 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Methyl parathion | n/a | = | 140 | % | EPA 525.2 | -88 | -88 | 70 | 229 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Methyl parathion | n/a | = | 126 | % | EPA 525.2 | -88 | -88 | 70 | 229 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Methyl parathion | n/a | = | 11 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Pesticide | Metolachlor | n/a | = | 4.99 | µg/L | EPA 525.2 | 0.056 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Pesticide | Metolachlor | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 55 | 170 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Pesticide | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/25/2010 | Pesticide | Metolachlor | n/a | = | 5 | µg/L | EPA 525.2 | 0.056 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/25/2010 | Pesticide | Metolachlor | n/a | = | 5.16 | µg/L | EPA 525.2 | 0.056 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/25/2010 | Pesticide | Metolachlor | n/a | = | 103 | % | EPA 525.2 | -88 | -88 | 53 | 178 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/25/2010 | Pesticide | Metolachlor | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 53 | 178 | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/25/2010 | Pesticide | Metolachlor | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Pesticide | Metribuzin | n/a | = | 4.79 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Pesticide | Metribuzin | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 44 | 149 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Pesticide | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/25/2010 | Pesticide | Metribuzin | n/a | = | 5.08 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/25/2010 | Pesticide | Metribuzin | n/a | = | 5.08 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/25/2010 | Pesticide | Metribuzin | n/a | = | 102 | % | EPA 525.2 | -88 | -88 | 64 | 155 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/25/2010 | Pesticide | Metribuzin | n/a | = | 102 | % | EPA 525.2 | -88 | -88 | 64 | 155 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/25/2010 | Pesticide | Metribuzin | n/a | = | 0 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Mevinphos | n/a | = | 0.0597 | µg/L | EPA 525.2 | 0.0042 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Mevinphos | n/a | = | 119 | % | EPA 525.2 | -88 | -88 | 70 | 148 | X |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Mevinphos | n/a | < | 0.0042 | µg/L | EPA 525.2 | 0.0042 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Mevinphos | n/a | = | 0.0601 | µg/L | EPA 525.2 | 0.0042 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Mevinphos | n/a | = | 0.0662 | µg/L | EPA 525.2 | 0.0042 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Mevinphos | n/a | = | 132 | % | EPA 525.2 | -88 | -88 | 70 | 148 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Mevinphos | n/a | = | 120 | % | EPA 525.2 | -88 | -88 | 70 | 148 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Mevinphos | n/a | = | 10 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Pesticide | Molinate | n/a | = | 4.81 | µg/L | EPA 525.2 | 0.051 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Pesticide | Molinate | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 76 | 116 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Pesticide | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/25/2010 | Pesticide | Molinate | n/a | = | 4.97 | µg/L | EPA 525.2 | 0.051 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/25/2010 | Pesticide | Molinate | n/a | = | 4.95 | µg/L | EPA 525.2 | 0.051 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/25/2010 | Pesticide | Molinate | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 68 | 125 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/25/2010 | Pesticide | Molinate | n/a | = | 99 | % | EPA 525.2 | -88 | -88 | 68 | 125 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/25/2010 | Pesticide | Molinate | n/a | = | 0.4 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Naled | n/a | = | 0.223 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Naled | n/a | = | 445 | % | EPA 525.2 | -88 | -88 | 70 | 299 | EUM |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Naled | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Naled | n/a | = | 0.361 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Naled | n/a | = | 0.394 | µg/L | EPA 525.2 | 0.0076 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Naled | n/a | = | 788 | % | EPA 525.2 | -88 | -88 | 70 | 299 | GB |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Naled | n/a | = | 722 | % | EPA 525.2 | -88 | -88 | 70 | 299 | GB |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Naled | n/a | = | 9 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | LCS | 3/26/2010 | Pesticide | Pentachlorophenol | n/a | = | 2.18 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/26/2010 | Pesticide | Pentachlorophenol | n/a | = | 109 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | Lab | method blank | 3/26/2010 | Pesticide | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/26/2010 | Pesticide | Pentachlorophenol | n/a | = | 2.26 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/26/2010 | Pesticide | Pentachlorophenol | n/a | = | 2.19 | µg/L | EPA 515.3 | 0.02 | 0.2 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/26/2010 | Pesticide | Pentachlorophenol | n/a | = | 109 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/26/2010 | Pesticide | Pentachlorophenol | n/a | = | 113 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/26/2010 | Pesticide | Pentachlorophenol | n/a | = | 3 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Phorate | n/a | = | 0.0526 | µg/L | EPA 525.2 | 0.003 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Phorate | n/a | = | 105 | % | EPA 525.2 | -88 | -88 | 70 | 243 | X |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Phorate | n/a | < | 0.003 | µg/L | EPA 525.2 | 0.003 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Phorate | n/a | = | 0.0419 | µg/L | EPA 525.2 | 0.003 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Phorate | n/a | = | 0.045 | µg/L | EPA 525.2 | 0.003 | 0.01 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-----------|---------|-----------------------|---------------|----------------|-------------------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Phorate | n/a | = | 90 | % | EPA 525.2 | -88 | -88 | 70 | 243 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Phorate | n/a | = | 84 | % | EPA 525.2 | -88 | -88 | 70 | 243 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Phorate | n/a | = | 7 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | LCS | 3/26/2010 | Pesticide | Picloram | n/a | = | 1.73 | µg/L | EPA 515.3 | 0.34 | 0.6 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/26/2010 | Pesticide | Picloram | n/a | = | 86 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | Lab | method blank | 3/26/2010 | Pesticide | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | | | X |
| 2009/10-4 | ME-CC | matrix spike | 3/26/2010 | Pesticide | Picloram | n/a | = | 1.75 | µg/L | EPA 515.3 | 0.34 | 0.6 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup | 3/26/2010 | Pesticide | Picloram | n/a | = | 1.82 | µg/L | EPA 515.3 | 0.34 | 0.6 | | | X |
| 2009/10-4 | ME-CC | matrix spike dup, rec | 3/26/2010 | Pesticide | Picloram | n/a | = | 91 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, rec | 3/26/2010 | Pesticide | Picloram | n/a | = | 87 | % | EPA 515.3 | -88 | -88 | 70 | 130 | X |
| 2009/10-4 | ME-CC | matrix spike, RPD | 3/26/2010 | Pesticide | Picloram | n/a | = | 4 | % | EPA 515.3 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Pesticide | Prometon | n/a | = | 3.44 | µg/L | EPA 525.2 | 0.16 | 0.2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Pesticide | Prometon | n/a | = | 69 | % | EPA 525.2 | -88 | -88 | 6 | 110 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Pesticide | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/25/2010 | Pesticide | Prometon | n/a | = | 2.98 | µg/L | EPA 525.2 | 0.16 | 0.2 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/25/2010 | Pesticide | Prometon | n/a | = | 3.19 | µg/L | EPA 525.2 | 0.16 | 0.2 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/25/2010 | Pesticide | Prometon | n/a | = | 64 | % | EPA 525.2 | -88 | -88 | 5 | 148 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/25/2010 | Pesticide | Prometon | n/a | = | 60 | % | EPA 525.2 | -88 | -88 | 5 | 148 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/25/2010 | Pesticide | Prometon | n/a | = | 7 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Pesticide | Prometryn | n/a | = | 4.53 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Pesticide | Prometryn | n/a | = | 91 | % | EPA 525.2 | -88 | -88 | 34 | 152 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Pesticide | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/25/2010 | Pesticide | Prometryn | n/a | = | 4.34 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/25/2010 | Pesticide | Prometryn | n/a | = | 4.48 | µg/L | EPA 525.2 | 0.074 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/25/2010 | Pesticide | Prometryn | n/a | = | 90 | % | EPA 525.2 | -88 | -88 | 44 | 169 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/25/2010 | Pesticide | Prometryn | n/a | = | 87 | % | EPA 525.2 | -88 | -88 | 44 | 169 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/25/2010 | Pesticide | Prometryn | n/a | = | 3 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 0.0902 | µg/L | EPA 525.2 | 0.0041 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 180 | % | EPA 525.2 | -88 | -88 | 70 | 145 | EUM |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Ronnel (Fenchlorphos) | n/a | < | 0.0041 | µg/L | EPA 525.2 | 0.0041 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 0.0562 | µg/L | EPA 525.2 | 0.0041 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 0.0645 | µg/L | EPA 525.2 | 0.0041 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 129 | % | EPA 525.2 | -88 | -88 | 70 | 145 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 112 | % | EPA 525.2 | -88 | -88 | 70 | 145 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 14 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Pesticide | Simazine | n/a | = | 4.06 | µg/L | EPA 525.2 | 0.083 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Pesticide | Simazine | n/a | = | 81 | % | EPA 525.2 | -88 | -88 | 54 | 156 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Pesticide | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/25/2010 | Pesticide | Simazine | n/a | = | 4.35 | µg/L | EPA 525.2 | 0.083 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/25/2010 | Pesticide | Simazine | n/a | = | 4.78 | µg/L | EPA 525.2 | 0.083 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/25/2010 | Pesticide | Simazine | n/a | = | 96 | % | EPA 525.2 | -88 | -88 | 53 | 152 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/25/2010 | Pesticide | Simazine | n/a | = | 87 | % | EPA 525.2 | -88 | -88 | 53 | 152 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/25/2010 | Pesticide | Simazine | n/a | = | 9 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 0.328 | µg/L | EPA 525.2 | 0.0031 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 657 | % | EPA 525.2 | -88 | -88 | 70 | 278 | EUM |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0031 | µg/L | EPA 525.2 | 0.0031 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 0.323 | µg/L | EPA 525.2 | 0.0031 | 0.01 | | | X |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|-----------------------|---------------|----------------|-------------------------------|----------|------|--------|-------|-----------|--------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 0.36 | µg/L | EPA 525.2 | 0.0031 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 720 | % | EPA 525.2 | -88 | -88 | 70 | 278 | GB |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 646 | % | EPA 525.2 | -88 | -88 | 70 | 278 | GB |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 11 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Pesticide | Terbacil | n/a | = | 5.03 | µg/L | EPA 525.2 | 0.55 | 2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Pesticide | Terbacil | n/a | = | 101 | % | EPA 525.2 | -88 | -88 | 66 | 140 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Pesticide | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/25/2010 | Pesticide | Terbacil | n/a | = | 5.98 | µg/L | EPA 525.2 | 0.55 | 2 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/25/2010 | Pesticide | Terbacil | n/a | = | 5.64 | µg/L | EPA 525.2 | 0.55 | 2 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/25/2010 | Pesticide | Terbacil | n/a | = | 113 | % | EPA 525.2 | -88 | -88 | 56 | 159 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/25/2010 | Pesticide | Terbacil | n/a | = | 120 | % | EPA 525.2 | -88 | -88 | 56 | 159 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/25/2010 | Pesticide | Terbacil | n/a | = | 6 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Pesticide | Thiobencarb | n/a | = | 4.49 | µg/L | EPA 525.2 | 0.11 | 0.2 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Pesticide | Thiobencarb | n/a | = | 90 | % | EPA 525.2 | -88 | -88 | 57 | 162 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Pesticide | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/25/2010 | Pesticide | Thiobencarb | n/a | = | 3.87 | µg/L | EPA 525.2 | 0.11 | 0.2 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/25/2010 | Pesticide | Thiobencarb | n/a | = | 4.58 | µg/L | EPA 525.2 | 0.11 | 0.2 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/25/2010 | Pesticide | Thiobencarb | n/a | = | 92 | % | EPA 525.2 | -88 | -88 | 71 | 160 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/25/2010 | Pesticide | Thiobencarb | n/a | = | 77 | % | EPA 525.2 | -88 | -88 | 71 | 160 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/25/2010 | Pesticide | Thiobencarb | n/a | = | 17 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Tokuthion | n/a | = | 0.0854 | µg/L | EPA 525.2 | 0.0078 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Tokuthion | n/a | = | 171 | % | EPA 525.2 | -88 | -88 | 70 | 122 | EUM |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Tokuthion | n/a | < | 0.0078 | µg/L | EPA 525.2 | 0.0078 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Tokuthion | n/a | = | 0.0555 | µg/L | EPA 525.2 | 0.0078 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Tokuthion | n/a | = | 0.0561 | µg/L | EPA 525.2 | 0.0078 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Tokuthion | n/a | = | 112 | % | EPA 525.2 | -88 | -88 | 70 | 122 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Tokuthion | n/a | = | 111 | % | EPA 525.2 | -88 | -88 | 70 | 122 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Tokuthion | n/a | = | 1 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | method blank | 3/30/2010 | Pesticide | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | | | X |
| 2009/10-4 | Lab | LCS | 4/12/2010 | Pesticide | Trichloronate | n/a | = | 0.0841 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-4 | Lab | LCS, rec | 4/12/2010 | Pesticide | Trichloronate | n/a | = | 168 | % | EPA 525.2 | -88 | -88 | 70 | 122 | EUM |
| 2009/10-4 | Lab | method blank | 4/12/2010 | Pesticide | Trichloronate | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 4/12/2010 | Pesticide | Trichloronate | n/a | = | 0.05 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 4/12/2010 | Pesticide | Trichloronate | n/a | = | 0.0523 | µg/L | EPA 525.2 | 0.0067 | 0.01 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 4/12/2010 | Pesticide | Trichloronate | n/a | = | 105 | % | EPA 525.2 | -88 | -88 | 70 | 122 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 4/12/2010 | Pesticide | Trichloronate | n/a | = | 100 | % | EPA 525.2 | -88 | -88 | 70 | 122 | X |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 4/12/2010 | Pesticide | Trichloronate | n/a | = | 4 | % | EPA 525.2 | -88 | -88 | 0 | 25 | X |
| 2009/10-4 | Lab | LCS | 3/25/2010 | Pesticide | Trithion | n/a | = | 5.21 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-4 | Lab | LCS, rec | 3/25/2010 | Pesticide | Trithion | n/a | = | 104 | % | EPA 525.2 | -88 | -88 | 62 | 149 | X |
| 2009/10-4 | Lab | method blank | 3/25/2010 | Pesticide | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike | 3/25/2010 | Pesticide | Trithion | n/a | = | 4.07 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup | 3/25/2010 | Pesticide | Trithion | n/a | = | 5.18 | µg/L | EPA 525.2 | 0.01 | 0.1 | | | X |
| 2009/10-4 | ME-SCR | matrix spike dup, rec | 3/25/2010 | Pesticide | Trithion | n/a | = | 104 | % | EPA 525.2 | -88 | -88 | 86 | 144 | X |
| 2009/10-4 | ME-SCR | matrix spike, rec | 3/25/2010 | Pesticide | Trithion | n/a | = | 81 | % | EPA 525.2 | -88 | -88 | 86 | 144 | GB |
| 2009/10-4 | ME-SCR | matrix spike, RPD | 3/25/2010 | Pesticide | Trithion | n/a | = | 24 | % | EPA 525.2 | -88 | -88 | 0 | 30 | X |
| 2009/10-PRE | Lab | method blank | 7/30/2009 | Conventional | Hardness as CaCO3 | Total | < | 1 | mg/L | SM 2340 B | 1 | 5 | 70 | 130 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 7/30/2009 | Conventional | Hardness as CaCO3 | Total | < | 1 | mg/L | SM 2340 B | 1 | 5 | 70 | 130 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|-----------------------|---------------|----------------|-------------------|----------|------|--------|-------|--------------|-------|------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Tubing Blank | lab duplicate | 7/30/2009 | Conventional | Hardness as CaCO3 | Total | < | 1 | mg/L | SM 2340 B | 1 | 5 | 70 | 30 | x |
| 2009/10-PRE | Lab | method blank | 7/30/2009 | Metal | Aluminum | Total | < | 5 | µg/L | EPA 200.8m | 5 | 10 | 22 | 182 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 7/30/2009 | Metal | Aluminum | Total | < | 5 | µg/L | EPA 200.8m | 5 | 10 | 22 | 182 | x |
| 2009/10-PRE | Tubing Blank | lab duplicate | 7/30/2009 | Metal | Aluminum | Total | < | 5 | µg/L | EPA 200.8m | 5 | 10 | 22 | 30 | x |
| 2009/10-PRE | Tubing Blank | matrix spike | 7/30/2009 | Metal | Aluminum | Total | = | 101.6 | µg/L | EPA 200.8m | 5 | 10 | 22 | 182 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup | 7/30/2009 | Metal | Aluminum | Total | = | 102.7 | µg/L | EPA 200.8m | 5 | 10 | 22 | 182 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup, rec | 7/30/2009 | Metal | Aluminum | Total | = | 103 | % | EPA 200.8m | -88 | -88 | 22 | 182 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, rec | 7/30/2009 | Metal | Aluminum | Total | = | 102 | % | EPA 200.8m | -88 | -88 | 22 | 182 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, RPD | 7/30/2009 | Metal | Aluminum | Total | = | 1 | % | EPA 200.8m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 7/30/2009 | Metal | Arsenic | Total | < | 0.2 | µg/L | EPA 200.8m | 0.2 | 0.5 | 74 | 151 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 7/30/2009 | Metal | Arsenic | Total | < | 0.2 | µg/L | EPA 200.8m | 0.2 | 0.5 | 74 | 151 | x |
| 2009/10-PRE | Tubing Blank | lab duplicate | 7/30/2009 | Metal | Arsenic | Total | < | 0.2 | µg/L | EPA 200.8m | 0.2 | 0.5 | 74 | 30 | x |
| 2009/10-PRE | Tubing Blank | matrix spike | 7/30/2009 | Metal | Arsenic | Total | = | 95.4 | µg/L | EPA 200.8m | 0.2 | 0.5 | 74 | 151 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup | 7/30/2009 | Metal | Arsenic | Total | = | 96.6 | µg/L | EPA 200.8m | 0.2 | 0.5 | 74 | 151 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup, rec | 7/30/2009 | Metal | Arsenic | Total | = | 97 | % | EPA 200.8m | -88 | -88 | 74 | 151 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, rec | 7/30/2009 | Metal | Arsenic | Total | = | 95 | % | EPA 200.8m | -88 | -88 | 74 | 151 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, RPD | 7/30/2009 | Metal | Arsenic | Total | = | 2 | % | EPA 200.8m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 7/30/2009 | Metal | Cadmium | Total | < | 0.2 | µg/L | EPA 200.8m | 0.2 | 0.4 | 74 | 131 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 7/30/2009 | Metal | Cadmium | Total | < | 0.2 | µg/L | EPA 200.8m | 0.2 | 0.4 | 74 | 131 | x |
| 2009/10-PRE | Tubing Blank | lab duplicate | 7/30/2009 | Metal | Cadmium | Total | < | 0.2 | µg/L | EPA 200.8m | 0.2 | 0.4 | 74 | 30 | x |
| 2009/10-PRE | Tubing Blank | matrix spike | 7/30/2009 | Metal | Cadmium | Total | = | 10.5 | µg/L | EPA 200.8m | 0.2 | 0.4 | 74 | 131 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup | 7/30/2009 | Metal | Cadmium | Total | = | 10.6 | µg/L | EPA 200.8m | 0.2 | 0.4 | 74 | 131 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup, rec | 7/30/2009 | Metal | Cadmium | Total | = | 106 | % | EPA 200.8m | -88 | -88 | 74 | 131 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, rec | 7/30/2009 | Metal | Cadmium | Total | = | 105 | % | EPA 200.8m | -88 | -88 | 74 | 131 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, RPD | 7/30/2009 | Metal | Cadmium | Total | = | 1 | % | EPA 200.8m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 7/30/2009 | Metal | Chromium | Total | < | 0.1 | µg/L | EPA 200.8m | 0.1 | 0.5 | 79 | 127 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 7/30/2009 | Metal | Chromium | Total | < | 0.1 | µg/L | EPA 200.8m | 0.1 | 0.5 | 79 | 127 | x |
| 2009/10-PRE | Tubing Blank | lab duplicate | 7/30/2009 | Metal | Chromium | Total | < | 0.1 | µg/L | EPA 200.8m | 0.1 | 0.5 | 79 | 30 | x |
| 2009/10-PRE | Tubing Blank | matrix spike | 7/30/2009 | Metal | Chromium | Total | = | 102.1 | µg/L | EPA 200.8m | 0.1 | 0.5 | 79 | 127 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup | 7/30/2009 | Metal | Chromium | Total | = | 103.2 | µg/L | EPA 200.8m | 0.1 | 0.5 | 79 | 127 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup, rec | 7/30/2009 | Metal | Chromium | Total | = | 103 | % | EPA 200.8m | -88 | -88 | 79 | 127 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, rec | 7/30/2009 | Metal | Chromium | Total | = | 102 | % | EPA 200.8m | -88 | -88 | 79 | 127 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, RPD | 7/30/2009 | Metal | Chromium | Total | = | 1 | % | EPA 200.8m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | LCS | 7/23/2009 | Metal | Chromium VI | n/a | = | 0.097 | mg/L | SM 3500-Cr D | 0.005 | 0.01 | 70 | 130 | x |
| 2009/10-PRE | Lab | LCS dup | 7/23/2009 | Metal | Chromium VI | n/a | = | 0.098 | mg/L | SM 3500-Cr D | 0.005 | 0.01 | 70 | 130 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 7/23/2009 | Metal | Chromium VI | n/a | = | 98 | % | SM 3500-Cr D | -88 | -88 | 70 | 130 | x |
| 2009/10-PRE | Lab | LCS, rec | 7/23/2009 | Metal | Chromium VI | n/a | = | 97 | % | SM 3500-Cr D | -88 | -88 | 70 | 130 | x |
| 2009/10-PRE | Lab | LCS, RPD | 7/23/2009 | Metal | Chromium VI | n/a | = | 1 | % | SM 3500-Cr D | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 7/23/2009 | Metal | Chromium VI | n/a | < | 5 | µg/L | SM 3500-Cr D | 5 | 10 | 70 | 130 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 7/23/2009 | Metal | Chromium VI | n/a | < | 5 | µg/L | SM 3500-Cr D | 5 | 10 | 70 | 130 | x |
| 2009/10-PRE | Tubing Blank | lab duplicate | 7/23/2009 | Metal | Chromium VI | n/a | < | 5 | µg/L | SM 3500-Cr D | 5 | 10 | 70 | 30 | x |
| 2009/10-PRE | Tubing Blank | matrix spike | 7/23/2009 | Metal | Chromium VI | n/a | = | 0.1 | mg/L | SM 3500-Cr D | 0.005 | 0.01 | 70 | 130 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup | 7/23/2009 | Metal | Chromium VI | n/a | = | 0.101 | mg/L | SM 3500-Cr D | 0.005 | 0.01 | 70 | 130 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup, rec | 7/23/2009 | Metal | Chromium VI | n/a | = | 101 | % | SM 3500-Cr D | -88 | -88 | 70 | 130 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, rec | 7/23/2009 | Metal | Chromium VI | n/a | = | 100 | % | SM 3500-Cr D | -88 | -88 | 70 | 130 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, RPD | 7/23/2009 | Metal | Chromium VI | n/a | = | 1 | % | SM 3500-Cr D | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 7/30/2009 | Metal | Copper | Total | < | 0.4 | µg/L | EPA 200.8m | 0.4 | 0.8 | 55 | 132 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|-----------------------|---------------|----------------|-------------|----------|------|--------|-------|------------|------|-----|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Tubing Blank | equip blank | 7/30/2009 | Metal | Copper | Total | < | 0.4 | µg/L | EPA 200.8m | 0.4 | 0.8 | 55 | 132 | x |
| 2009/10-PRE | Tubing Blank | lab duplicate | 7/30/2009 | Metal | Copper | Total | < | 0.4 | µg/L | EPA 200.8m | 0.4 | 0.8 | 55 | 30 | x |
| 2009/10-PRE | Tubing Blank | matrix spike | 7/30/2009 | Metal | Copper | Total | = | 102.5 | µg/L | EPA 200.8m | 0.4 | 0.8 | 55 | 132 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup | 7/30/2009 | Metal | Copper | Total | = | 103 | µg/L | EPA 200.8m | 0.4 | 0.8 | 55 | 132 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup, rec | 7/30/2009 | Metal | Copper | Total | = | 103 | % | EPA 200.8m | -88 | -88 | 55 | 132 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, rec | 7/30/2009 | Metal | Copper | Total | = | 102 | % | EPA 200.8m | -88 | -88 | 55 | 132 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, RPD | 7/30/2009 | Metal | Copper | Total | = | 1 | % | EPA 200.8m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 7/30/2009 | Metal | Lead | Total | < | 0.05 | µg/L | EPA 200.8m | 0.05 | 0.1 | 76 | 120 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 7/30/2009 | Metal | Lead | Total | = | 0.13 | µg/L | EPA 200.8m | 0.05 | 0.1 | 76 | 120 | x |
| 2009/10-PRE | Tubing Blank | lab duplicate | 7/30/2009 | Metal | Lead | Total | = | 0.13 | µg/L | EPA 200.8m | 0.05 | 0.1 | 76 | 30 | x |
| 2009/10-PRE | Tubing Blank | matrix spike | 7/30/2009 | Metal | Lead | Total | = | 115.5 | µg/L | EPA 200.8m | 0.05 | 0.1 | 76 | 120 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup | 7/30/2009 | Metal | Lead | Total | = | 118.4 | µg/L | EPA 200.8m | 0.05 | 0.1 | 76 | 120 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup, rec | 7/30/2009 | Metal | Lead | Total | = | 118 | % | EPA 200.8m | -88 | -88 | 76 | 120 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, rec | 7/30/2009 | Metal | Lead | Total | = | 115 | % | EPA 200.8m | -88 | -88 | 76 | 120 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, RPD | 7/30/2009 | Metal | Lead | Total | = | 3 | % | EPA 200.8m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/10/2009 | Metal | Mercury | Total | < | 0.5 | ng/L | EPA 1631Em | 0.5 | 1 | 64 | 158 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/10/2009 | Metal | Mercury | Total | = | 1.7 | ng/L | EPA 1631Em | 0.5 | 1 | 64 | 158 | x |
| 2009/10-PRE | Tubing Blank | lab duplicate | 8/10/2009 | Metal | Mercury | Total | = | 1.4 | ng/L | EPA 1631Em | 0.5 | 1 | 64 | 30 | x |
| 2009/10-PRE | Tubing Blank | matrix spike | 8/10/2009 | Metal | Mercury | Total | = | 13.2 | ng/L | EPA 1631Em | 0.5 | 1 | 64 | 158 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup | 8/10/2009 | Metal | Mercury | Total | = | 13.5 | ng/L | EPA 1631Em | 0.5 | 1 | 64 | 158 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup, rec | 8/10/2009 | Metal | Mercury | Total | = | 119 | % | EPA 1631Em | -88 | -88 | 64 | 158 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, rec | 8/10/2009 | Metal | Mercury | Total | = | 116 | % | EPA 1631Em | -88 | -88 | 64 | 158 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, RPD | 8/10/2009 | Metal | Mercury | Total | = | 3 | % | EPA 1631Em | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 7/30/2009 | Metal | Nickel | Total | < | 0.2 | µg/L | EPA 200.8m | 0.2 | 0.5 | 77 | 108 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 7/30/2009 | Metal | Nickel | Total | < | 0.2 | µg/L | EPA 200.8m | 0.2 | 0.5 | 77 | 108 | x |
| 2009/10-PRE | Tubing Blank | lab duplicate | 7/30/2009 | Metal | Nickel | Total | < | 0.2 | µg/L | EPA 200.8m | 0.2 | 0.5 | 77 | 30 | x |
| 2009/10-PRE | Tubing Blank | matrix spike | 7/30/2009 | Metal | Nickel | Total | = | 103.1 | µg/L | EPA 200.8m | 0.2 | 0.5 | 77 | 108 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup | 7/30/2009 | Metal | Nickel | Total | = | 103.8 | µg/L | EPA 200.8m | 0.2 | 0.5 | 77 | 108 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup, rec | 7/30/2009 | Metal | Nickel | Total | = | 104 | % | EPA 200.8m | -88 | -88 | 77 | 108 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, rec | 7/30/2009 | Metal | Nickel | Total | = | 103 | % | EPA 200.8m | -88 | -88 | 77 | 108 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, RPD | 7/30/2009 | Metal | Nickel | Total | = | 1 | % | EPA 200.8m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 7/30/2009 | Metal | Selenium | Total | < | 0.2 | µg/L | EPA 200.8m | 0.2 | 0.5 | 74 | 125 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 7/30/2009 | Metal | Selenium | Total | < | 0.2 | µg/L | EPA 200.8m | 0.2 | 0.5 | 74 | 125 | x |
| 2009/10-PRE | Tubing Blank | lab duplicate | 7/30/2009 | Metal | Selenium | Total | < | 0.2 | µg/L | EPA 200.8m | 0.2 | 0.5 | 74 | 30 | x |
| 2009/10-PRE | Tubing Blank | matrix spike | 7/30/2009 | Metal | Selenium | Total | = | 105.1 | µg/L | EPA 200.8m | 0.2 | 0.5 | 74 | 125 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup | 7/30/2009 | Metal | Selenium | Total | = | 103.5 | µg/L | EPA 200.8m | 0.2 | 0.5 | 74 | 125 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup, rec | 7/30/2009 | Metal | Selenium | Total | = | 103 | % | EPA 200.8m | -88 | -88 | 74 | 125 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, rec | 7/30/2009 | Metal | Selenium | Total | = | 105 | % | EPA 200.8m | -88 | -88 | 74 | 125 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, RPD | 7/30/2009 | Metal | Selenium | Total | = | 1 | % | EPA 200.8m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 7/30/2009 | Metal | Silver | Total | < | 0.5 | µg/L | EPA 200.8m | 0.5 | 1 | 73 | 127 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 7/30/2009 | Metal | Silver | Total | < | 0.5 | µg/L | EPA 200.8m | 0.5 | 1 | 73 | 127 | x |
| 2009/10-PRE | Tubing Blank | lab duplicate | 7/30/2009 | Metal | Silver | Total | < | 0.5 | µg/L | EPA 200.8m | 0.5 | 1 | 73 | 30 | x |
| 2009/10-PRE | Tubing Blank | matrix spike | 7/30/2009 | Metal | Silver | Total | = | 9.9 | µg/L | EPA 200.8m | 0.5 | 1 | 73 | 127 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup | 7/30/2009 | Metal | Silver | Total | = | 9.4 | µg/L | EPA 200.8m | 0.5 | 1 | 73 | 127 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup, rec | 7/30/2009 | Metal | Silver | Total | = | 94 | % | EPA 200.8m | -88 | -88 | 73 | 127 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, rec | 7/30/2009 | Metal | Silver | Total | = | 99 | % | EPA 200.8m | -88 | -88 | 73 | 127 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, RPD | 7/30/2009 | Metal | Silver | Total | = | 5 | % | EPA 200.8m | -88 | -88 | 0 | 30 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|-----------------------|---------------|----------------|------------------------|----------|------|--------|-------|------------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | method blank | 7/30/2009 | Metal | Thallium | Total | < | 0.1 | µg/L | EPA 200.8m | 0.1 | 0.5 | 83 | 120 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 7/30/2009 | Metal | Thallium | Total | < | 0.1 | µg/L | EPA 200.8m | 0.1 | 0.5 | 83 | 120 | x |
| 2009/10-PRE | Tubing Blank | lab duplicate | 7/30/2009 | Metal | Thallium | Total | < | 0.1 | µg/L | EPA 200.8m | 0.1 | 0.5 | 83 | 30 | x |
| 2009/10-PRE | Tubing Blank | matrix spike | 7/30/2009 | Metal | Thallium | Total | = | 99.6 | µg/L | EPA 200.8m | 0.1 | 0.5 | 83 | 120 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup | 7/30/2009 | Metal | Thallium | Total | = | 102.4 | µg/L | EPA 200.8m | 0.1 | 0.5 | 83 | 120 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup, rec | 7/30/2009 | Metal | Thallium | Total | = | 102 | % | EPA 200.8m | -88 | -88 | 83 | 120 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, rec | 7/30/2009 | Metal | Thallium | Total | = | 100 | % | EPA 200.8m | -88 | -88 | 83 | 120 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, RPD | 7/30/2009 | Metal | Thallium | Total | = | 2 | % | EPA 200.8m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 7/30/2009 | Metal | Zinc | Total | < | 0.1 | µg/L | EPA 200.8m | 0.1 | 0.5 | 67 | 141 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 7/30/2009 | Metal | Zinc | Total | = | 8.6 | µg/L | EPA 200.8m | 0.1 | 0.5 | 67 | 141 | x |
| 2009/10-PRE | Tubing Blank | lab duplicate | 7/30/2009 | Metal | Zinc | Total | = | 1 | µg/L | EPA 200.8m | 0.1 | 0.5 | 67 | 30 | x |
| 2009/10-PRE | Tubing Blank | matrix spike | 7/30/2009 | Metal | Zinc | Total | = | 125.5 | µg/L | EPA 200.8m | 0.1 | 0.5 | 67 | 141 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup | 7/30/2009 | Metal | Zinc | Total | = | 127.3 | µg/L | EPA 200.8m | 0.1 | 0.5 | 67 | 141 | x |
| 2009/10-PRE | Tubing Blank | matrix spike dup, rec | 7/30/2009 | Metal | Zinc | Total | = | 123 | % | EPA 200.8m | -88 | -88 | 67 | 141 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, rec | 7/30/2009 | Metal | Zinc | Total | = | 121 | % | EPA 200.8m | -88 | -88 | 67 | 141 | x |
| 2009/10-PRE | Tubing Blank | matrix spike, RPD | 7/30/2009 | Metal | Zinc | Total | = | 1 | % | EPA 200.8m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 0.3492 | µg/L | EPA 625m | 0.01 | 0.05 | 13 | 140 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 0.3498 | µg/L | EPA 625m | 0.01 | 0.05 | 13 | 140 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 75 | % | EPA 625m | -88 | -88 | 13 | 140 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 75 | % | EPA 625m | -88 | -88 | 13 | 140 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | 1,2,4-Trichlorobenzene | n/a | = | 0 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 1,2,4-Trichlorobenzene | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.05 | 13 | 140 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 1,2,4-Trichlorobenzene | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.05 | 13 | 140 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 1,2-Dichlorobenzene | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.05 | 30 | 130 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 1,2-Dichlorobenzene | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.05 | 30 | 130 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 1,3-Dichlorobenzene | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.05 | 0 | 170 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 1,3-Dichlorobenzene | n/a | DNQ | 0.01 | µg/L | EPA 625m | 0.01 | 0.05 | 0 | 170 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | 1,4-Dichlorobenzene | n/a | = | 0.3083 | µg/L | EPA 625m | 0.01 | 0.05 | 4 | 132 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | 1,4-Dichlorobenzene | n/a | = | 0.3125 | µg/L | EPA 625m | 0.01 | 0.05 | 4 | 132 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | 1,4-Dichlorobenzene | n/a | = | 67 | % | EPA 625m | -88 | -88 | 4 | 132 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | 1,4-Dichlorobenzene | n/a | = | 66 | % | EPA 625m | -88 | -88 | 4 | 132 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | 1,4-Dichlorobenzene | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 1,4-Dichlorobenzene | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.05 | 4 | 132 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 1,4-Dichlorobenzene | n/a | DNQ | 0.012 | µg/L | EPA 625m | 0.01 | 0.05 | 4 | 132 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | 1-Methylnaphthalene | n/a | = | 0.1876 | µg/L | EPA 625m | 0.001 | 0.005 | 55 | 115 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | 1-Methylnaphthalene | n/a | = | 0.2188 | µg/L | EPA 625m | 0.001 | 0.005 | 55 | 115 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | 1-Methylnaphthalene | n/a | = | 94 | % | EPA 625m | -88 | -88 | 55 | 115 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | 1-Methylnaphthalene | n/a | = | 81 | % | EPA 625m | -88 | -88 | 55 | 115 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | 1-Methylnaphthalene | n/a | = | 15 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 1-Methylnaphthalene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 55 | 115 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 1-Methylnaphthalene | n/a | DNQ | 0.0011 | µg/L | EPA 625m | 0.001 | 0.005 | 55 | 115 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | 1-Methylphenanthrene | n/a | = | 0.2275 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 133 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | 1-Methylphenanthrene | n/a | = | 0.2445 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 133 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | 1-Methylphenanthrene | n/a | = | 105 | % | EPA 625m | -88 | -88 | 65 | 133 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | 1-Methylphenanthrene | n/a | = | 98 | % | EPA 625m | -88 | -88 | 65 | 133 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | 1-Methylphenanthrene | n/a | = | 7 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 1-Methylphenanthrene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 133 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------------|---------------|----------------|----------------------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 1-Methylphenanthrene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 133 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | 2,3,5-Trimethylnaphthalene | n/a | = | 0.2078 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 121 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | 2,3,5-Trimethylnaphthalene | n/a | = | 0.2108 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 121 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | 2,3,5-Trimethylnaphthalene | n/a | = | 91 | % | EPA 625m | -88 | -88 | 60 | 121 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | 2,3,5-Trimethylnaphthalene | n/a | = | 89 | % | EPA 625m | -88 | -88 | 60 | 121 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | 2,3,5-Trimethylnaphthalene | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 2,3,5-Trimethylnaphthalene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 121 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 2,3,5-Trimethylnaphthalene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 121 | x |
| 2009/10-PRE | Lab | srgt LCS | 8/1/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 0.096 | µg/L | EPA 625m | -88 | -88 | 54 | 126 | x |
| 2009/10-PRE | Lab | srgt LCS dup | 8/1/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 0.097 | µg/L | EPA 625m | -88 | -88 | 54 | 126 | x |
| 2009/10-PRE | Lab | srgt LCS dup, rec | 8/1/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 97 | % | EPA 625m | -88 | -88 | 54 | 126 | x |
| 2009/10-PRE | Lab | srgt LCS, rec | 8/1/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 96 | % | EPA 625m | -88 | -88 | 54 | 126 | x |
| 2009/10-PRE | Lab | srgt LCS, RPD | 8/1/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | srgt method blank | 8/1/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 0.077 | µg/L | EPA 625m | -88 | -88 | 54 | 126 | x |
| 2009/10-PRE | Lab | srgt method blank, rec | 8/1/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 77 | % | EPA 625m | -88 | -88 | 54 | 126 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank | 8/1/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 0.085 | µg/L | EPA 625m | -88 | -88 | 54 | 126 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank, rec | 8/1/2009 | Organic | 2,4,6-Tribromophenol | n/a | = | 85 | % | EPA 625m | -88 | -88 | 54 | 126 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 2,4,6-Trichlorophenol | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 30 | 150 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 2,4,6-Trichlorophenol | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 30 | 150 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 2,4-Dichlorophenol | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 40 | 140 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 2,4-Dichlorophenol | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 40 | 140 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 2,4-Dimethylphenol | n/a | < | 0.1 | µg/L | EPA 625m | 0.1 | 0.2 | 30 | 120 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 2,4-Dimethylphenol | n/a | < | 0.1 | µg/L | EPA 625m | 0.1 | 0.2 | 30 | 120 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 2,4-Dinitrophenol | n/a | < | 0.1 | µg/L | EPA 625m | 0.1 | 0.2 | 0 | 190 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 2,4-Dinitrophenol | n/a | < | 0.1 | µg/L | EPA 625m | 0.1 | 0.2 | 0 | 190 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | 2,4-Dinitrotoluene | n/a | = | 0.4185 | µg/L | EPA 625m | 0.05 | 0.1 | 59 | 142 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | 2,4-Dinitrotoluene | n/a | = | 0.4154 | µg/L | EPA 625m | 0.05 | 0.1 | 59 | 142 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | 2,4-Dinitrotoluene | n/a | = | 89 | % | EPA 625m | -88 | -88 | 59 | 142 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | 2,4-Dinitrotoluene | n/a | = | 90 | % | EPA 625m | -88 | -88 | 59 | 142 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | 2,4-Dinitrotoluene | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 2,4-Dinitrotoluene | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 59 | 142 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 2,4-Dinitrotoluene | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 59 | 142 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | 2,6-Dimethylnaphthalene | n/a | = | 0.2002 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 114 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | 2,6-Dimethylnaphthalene | n/a | = | 0.202 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 114 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | 2,6-Dimethylnaphthalene | n/a | = | 87 | % | EPA 625m | -88 | -88 | 56 | 114 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | 2,6-Dimethylnaphthalene | n/a | = | 86 | % | EPA 625m | -88 | -88 | 56 | 114 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | 2,6-Dimethylnaphthalene | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 2,6-Dimethylnaphthalene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 114 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 2,6-Dimethylnaphthalene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 114 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 2,6-Dinitrotoluene | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 40 | 120 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 2,6-Dinitrotoluene | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 40 | 120 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 2-Chloronaphthalene | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 2-Chloronaphthalene | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | 2-Chlorophenol | n/a | = | 1.9576 | µg/L | EPA 625m | 0.05 | 0.1 | 24 | 124 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | 2-Chlorophenol | n/a | = | 1.9557 | µg/L | EPA 625m | 0.05 | 0.1 | 24 | 124 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | 2-Chlorophenol | n/a | = | 84 | % | EPA 625m | -88 | -88 | 24 | 124 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | 2-Chlorophenol | n/a | = | 84 | % | EPA 625m | -88 | -88 | 24 | 124 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|-------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | 2-Chlorophenol | n/a | = | 0 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 2-Chlorophenol | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 24 | 124 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 2-Chlorophenol | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 24 | 124 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | 2-Methylnaphthalene | n/a | = | 0.173 | µg/L | EPA 625m | 0.001 | 0.005 | 44 | 124 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | 2-Methylnaphthalene | n/a | = | 0.1697 | µg/L | EPA 625m | 0.001 | 0.005 | 44 | 124 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | 2-Methylnaphthalene | n/a | = | 73 | % | EPA 625m | -88 | -88 | 44 | 124 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | 2-Methylnaphthalene | n/a | = | 74 | % | EPA 625m | -88 | -88 | 44 | 124 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | 2-Methylnaphthalene | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 2-Methylnaphthalene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 44 | 124 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 2-Methylnaphthalene | n/a | DNQ | 0.0024 | µg/L | EPA 625m | 0.001 | 0.005 | 44 | 124 | |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 2-Nitrophenol | n/a | < | 0.1 | µg/L | EPA 625m | 0.1 | 0.2 | 30 | 180 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 2-Nitrophenol | n/a | < | 0.1 | µg/L | EPA 625m | 0.1 | 0.2 | 30 | 180 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 3,3'-Dichlorobenzidine | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 3,3'-Dichlorobenzidine | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 4,6-Dinitro-2-methylphenol | n/a | < | 0.1 | µg/L | EPA 625m | 0.1 | 0.2 | 0 | 180 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 4,6-Dinitro-2-methylphenol | n/a | < | 0.1 | µg/L | EPA 625m | 0.1 | 0.2 | 0 | 180 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 4-Bromophenyl phenyl ether | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 4-Bromophenyl phenyl ether | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | 4-Chloro-3-methylphenol | n/a | = | 2.3727 | µg/L | EPA 625m | 0.1 | 0.2 | 44 | 131 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | 4-Chloro-3-methylphenol | n/a | = | 2.4342 | µg/L | EPA 625m | 0.1 | 0.2 | 44 | 131 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | 4-Chloro-3-methylphenol | n/a | = | 105 | % | EPA 625m | -88 | -88 | 44 | 131 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | 4-Chloro-3-methylphenol | n/a | = | 102 | % | EPA 625m | -88 | -88 | 44 | 131 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | 4-Chloro-3-methylphenol | n/a | = | 3 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 4-Chloro-3-methylphenol | n/a | < | 0.1 | µg/L | EPA 625m | 0.1 | 0.2 | 44 | 131 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 4-Chloro-3-methylphenol | n/a | < | 0.1 | µg/L | EPA 625m | 0.1 | 0.2 | 44 | 131 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 4-Chlorophenyl phenyl ether | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 4-Chlorophenyl phenyl ether | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | 4-Nitrophenol | n/a | = | 0.6769 | µg/L | EPA 625m | 0.1 | 0.2 | 0 | 169 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | 4-Nitrophenol | n/a | = | 0.7162 | µg/L | EPA 625m | 0.1 | 0.2 | 0 | 169 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | 4-Nitrophenol | n/a | = | 31 | % | EPA 625m | -88 | -88 | 0 | 169 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | 4-Nitrophenol | n/a | = | 29 | % | EPA 625m | -88 | -88 | 0 | 169 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | 4-Nitrophenol | n/a | = | 7 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | 4-Nitrophenol | n/a | < | 0.1 | µg/L | EPA 625m | 0.1 | 0.2 | 0 | 169 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | 4-Nitrophenol | n/a | < | 0.1 | µg/L | EPA 625m | 0.1 | 0.2 | 0 | 169 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Acenaphthene | n/a | = | 0.5939 | µg/L | EPA 625m | 0.001 | 0.005 | 61 | 116 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Acenaphthene | n/a | = | 0.6218 | µg/L | EPA 625m | 0.001 | 0.005 | 61 | 116 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Acenaphthene | n/a | = | 89 | % | EPA 625m | -88 | -88 | 61 | 116 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Acenaphthene | n/a | = | 85 | % | EPA 625m | -88 | -88 | 61 | 116 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Acenaphthene | n/a | = | 5 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Acenaphthene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 61 | 116 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Acenaphthene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 61 | 116 | x |
| 2009/10-PRE | Lab | srgt LCS | 8/1/2009 | Organic | Acenaphthene-d10 | n/a | = | 0.084 | µg/L | EPA 625m | -88 | -88 | 63 | 111 | x |
| 2009/10-PRE | Lab | srgt LCS dup | 8/1/2009 | Organic | Acenaphthene-d10 | n/a | = | 0.086 | µg/L | EPA 625m | -88 | -88 | 63 | 111 | x |
| 2009/10-PRE | Lab | srgt LCS dup, rec | 8/1/2009 | Organic | Acenaphthene-d10 | n/a | = | 86 | % | EPA 625m | -88 | -88 | 63 | 111 | x |
| 2009/10-PRE | Lab | srgt LCS, rec | 8/1/2009 | Organic | Acenaphthene-d10 | n/a | = | 84 | % | EPA 625m | -88 | -88 | 63 | 111 | x |
| 2009/10-PRE | Lab | srgt LCS, RPD | 8/1/2009 | Organic | Acenaphthene-d10 | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | srgt method blank | 8/1/2009 | Organic | Acenaphthene-d10 | n/a | = | 0.077 | µg/L | EPA 625m | -88 | -88 | 63 | 111 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------------|---------------|----------------|----------------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | srgt method blank, rec | 8/1/2009 | Organic | Acenaphthene-d10 | n/a | = | 77 | % | EPA 625m | -88 | -88 | 63 | 111 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank | 8/1/2009 | Organic | Acenaphthene-d10 | n/a | = | 0.079 | µg/L | EPA 625m | -88 | -88 | 63 | 111 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank, rec | 8/1/2009 | Organic | Acenaphthene-d10 | n/a | = | 79 | % | EPA 625m | -88 | -88 | 63 | 111 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Acenaphthylene | n/a | = | 0.1956 | µg/L | EPA 625m | 0.001 | 0.005 | 62 | 115 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Acenaphthylene | n/a | = | 0.2065 | µg/L | EPA 625m | 0.001 | 0.005 | 62 | 115 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Acenaphthylene | n/a | = | 89 | % | EPA 625m | -88 | -88 | 62 | 115 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Acenaphthylene | n/a | = | 84 | % | EPA 625m | -88 | -88 | 62 | 115 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Acenaphthylene | n/a | = | 6 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Acenaphthylene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 62 | 115 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Acenaphthylene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 62 | 115 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Anthracene | n/a | = | 0.1995 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 112 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Anthracene | n/a | = | 0.2291 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 112 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Anthracene | n/a | = | 98 | % | EPA 625m | -88 | -88 | 64 | 112 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Anthracene | n/a | = | 86 | % | EPA 625m | -88 | -88 | 64 | 112 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Anthracene | n/a | = | 14 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Anthracene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 112 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Anthracene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 112 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Azobenzene | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 40 | 120 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Azobenzene | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 40 | 120 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Benz(a)anthracene | n/a | = | 0.204 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 151 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Benz(a)anthracene | n/a | = | 0.2152 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 151 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Benz(a)anthracene | n/a | = | 93 | % | EPA 625m | -88 | -88 | 56 | 151 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Benz(a)anthracene | n/a | = | 88 | % | EPA 625m | -88 | -88 | 56 | 151 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Benz(a)anthracene | n/a | = | 6 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Benz(a)anthracene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 151 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Benz(a)anthracene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 151 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Benzzidine | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Benzzidine | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Benzo(a)pyrene | n/a | = | 0.2333 | µg/L | EPA 625m | 0.001 | 0.005 | 50 | 153 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Benzo(a)pyrene | n/a | = | 0.2323 | µg/L | EPA 625m | 0.001 | 0.005 | 50 | 153 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Benzo(a)pyrene | n/a | = | 100 | % | EPA 625m | -88 | -88 | 50 | 153 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Benzo(a)pyrene | n/a | = | 100 | % | EPA 625m | -88 | -88 | 50 | 153 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Benzo(a)pyrene | n/a | = | 0 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Benzo(a)pyrene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 50 | 153 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Benzo(a)pyrene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 50 | 153 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Benzo(b)fluoranthene | n/a | = | 0.2494 | µg/L | EPA 625m | 0.001 | 0.005 | 45 | 155 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Benzo(b)fluoranthene | n/a | = | 0.2317 | µg/L | EPA 625m | 0.001 | 0.005 | 45 | 155 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Benzo(b)fluoranthene | n/a | = | 100 | % | EPA 625m | -88 | -88 | 45 | 155 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Benzo(b)fluoranthene | n/a | = | 107 | % | EPA 625m | -88 | -88 | 45 | 155 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Benzo(b)fluoranthene | n/a | = | 7 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Benzo(b)fluoranthene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 45 | 155 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Benzo(b)fluoranthene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 45 | 155 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Benzo(e)pyrene | n/a | = | 0.2321 | µg/L | EPA 625m | 0.001 | 0.005 | 49 | 146 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Benzo(e)pyrene | n/a | = | 0.2323 | µg/L | EPA 625m | 0.001 | 0.005 | 49 | 146 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Benzo(e)pyrene | n/a | = | 100 | % | EPA 625m | -88 | -88 | 49 | 146 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Benzo(e)pyrene | n/a | = | 100 | % | EPA 625m | -88 | -88 | 49 | 146 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Benzo(e)pyrene | n/a | = | 0 | % | EPA 625m | -88 | -88 | 0 | 30 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Benzo(e)pyrene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 49 | 146 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Benzo(e)pyrene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 49 | 146 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Benzo(g,h,i)perylene | n/a | = | 0.1694 | µg/L | EPA 625m | 0.001 | 0.005 | 45 | 165 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Benzo(g,h,i)perylene | n/a | = | 0.1883 | µg/L | EPA 625m | 0.001 | 0.005 | 45 | 165 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Benzo(g,h,i)perylene | n/a | = | 81 | % | EPA 625m | -88 | -88 | 45 | 165 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Benzo(g,h,i)perylene | n/a | = | 73 | % | EPA 625m | -88 | -88 | 45 | 165 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Benzo(g,h,i)perylene | n/a | = | 10 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Benzo(g,h,i)perylene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 45 | 165 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Benzo(g,h,i)perylene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 45 | 165 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Benzo(k)fluoranthene | n/a | = | 0.2618 | µg/L | EPA 625m | 0.001 | 0.005 | 61 | 143 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Benzo(k)fluoranthene | n/a | = | 0.2643 | µg/L | EPA 625m | 0.001 | 0.005 | 61 | 143 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Benzo(k)fluoranthene | n/a | = | 114 | % | EPA 625m | -88 | -88 | 61 | 143 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Benzo(k)fluoranthene | n/a | = | 113 | % | EPA 625m | -88 | -88 | 61 | 143 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Benzo(k)fluoranthene | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Benzo(k)fluoranthene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 61 | 143 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Benzo(k)fluoranthene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 61 | 143 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Biphenyl | n/a | = | 0.2022 | µg/L | EPA 625m | 0.001 | 0.005 | 47 | 118 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Biphenyl | n/a | = | 0.2044 | µg/L | EPA 625m | 0.001 | 0.005 | 47 | 118 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Biphenyl | n/a | = | 88 | % | EPA 625m | -88 | -88 | 47 | 118 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Biphenyl | n/a | = | 87 | % | EPA 625m | -88 | -88 | 47 | 118 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Biphenyl | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Biphenyl | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 47 | 118 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Biphenyl | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 47 | 118 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Bis(2-chloroethoxy)methane | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Bis(2-chloroethoxy)methane | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Bis(2-chloroethyl)ether | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Bis(2-chloroethyl)ether | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Bis(2-chloroisopropyl)ether | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Bis(2-chloroisopropyl)ether | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 0.4775 | µg/L | EPA 625m | 0.1 | 0.125 | 42 | 197 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 0.4985 | µg/L | EPA 625m | 0.1 | 0.125 | 42 | 197 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 107 | % | EPA 625m | -88 | -88 | 42 | 197 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 103 | % | EPA 625m | -88 | -88 | 42 | 197 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Bis(2-ethylhexyl)phthalate | n/a | = | 4 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Bis(2-ethylhexyl)phthalate | n/a | < | 0.1 | µg/L | EPA 625m | 0.1 | 0.125 | 42 | 197 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Bis(2-ethylhexyl)phthalate | n/a | < | 0.1 | µg/L | EPA 625m | 0.1 | 0.125 | 42 | 197 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Butyl benzyl phthalate | n/a | = | 0.4809 | µg/L | EPA 625m | 0.025 | 0.05 | 70 | 176 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Butyl benzyl phthalate | n/a | = | 0.5049 | µg/L | EPA 625m | 0.025 | 0.05 | 70 | 176 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Butyl benzyl phthalate | n/a | = | 109 | % | EPA 625m | -88 | -88 | 70 | 176 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Butyl benzyl phthalate | n/a | = | 103 | % | EPA 625m | -88 | -88 | 70 | 176 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Butyl benzyl phthalate | n/a | = | 6 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Butyl benzyl phthalate | n/a | < | 0.025 | µg/L | EPA 625m | 0.025 | 0.05 | 70 | 176 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Butyl benzyl phthalate | n/a | < | 0.025 | µg/L | EPA 625m | 0.025 | 0.05 | 70 | 176 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Chrysene | n/a | = | 0.2123 | µg/L | EPA 625m | 0.001 | 0.005 | 47 | 144 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Chrysene | n/a | = | 0.2287 | µg/L | EPA 625m | 0.001 | 0.005 | 47 | 144 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Chrysene | n/a | = | 98 | % | EPA 625m | -88 | -88 | 47 | 144 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Chrysene | n/a | = | 91 | % | EPA 625m | -88 | -88 | 47 | 144 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------------|---------------|----------------|-----------------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Chrysene | n/a | = | 7 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Chrysene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 47 | 144 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Chrysene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 47 | 144 | x |
| 2009/10-PRE | Lab | srgt LCS | 8/1/2009 | Organic | Chrysene-d12 | n/a | = | 0.09 | µg/L | EPA 625m | -88 | -88 | 56 | 139 | x |
| 2009/10-PRE | Lab | srgt LCS dup | 8/1/2009 | Organic | Chrysene-d12 | n/a | = | 0.098 | µg/L | EPA 625m | -88 | -88 | 56 | 139 | x |
| 2009/10-PRE | Lab | srgt LCS dup, rec | 8/1/2009 | Organic | Chrysene-d12 | n/a | = | 98 | % | EPA 625m | -88 | -88 | 56 | 139 | x |
| 2009/10-PRE | Lab | srgt LCS, rec | 8/1/2009 | Organic | Chrysene-d12 | n/a | = | 90 | % | EPA 625m | -88 | -88 | 56 | 139 | x |
| 2009/10-PRE | Lab | srgt LCS, RPD | 8/1/2009 | Organic | Chrysene-d12 | n/a | = | 9 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | srgt method blank | 8/1/2009 | Organic | Chrysene-d12 | n/a | = | 0.09 | µg/L | EPA 625m | -88 | -88 | 56 | 139 | x |
| 2009/10-PRE | Lab | srgt method blank, rec | 8/1/2009 | Organic | Chrysene-d12 | n/a | = | 90 | % | EPA 625m | -88 | -88 | 56 | 139 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank | 8/1/2009 | Organic | Chrysene-d12 | n/a | = | 0.087 | µg/L | EPA 625m | -88 | -88 | 56 | 139 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank, rec | 8/1/2009 | Organic | Chrysene-d12 | n/a | = | 87 | % | EPA 625m | -88 | -88 | 56 | 139 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Dibenz(a,h)anthracene | n/a | = | 0.1689 | µg/L | EPA 625m | 0.001 | 0.005 | 52 | 156 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Dibenz(a,h)anthracene | n/a | = | 0.1798 | µg/L | EPA 625m | 0.001 | 0.005 | 52 | 156 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Dibenz(a,h)anthracene | n/a | = | 77 | % | EPA 625m | -88 | -88 | 52 | 156 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Dibenz(a,h)anthracene | n/a | = | 73 | % | EPA 625m | -88 | -88 | 52 | 156 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Dibenz(a,h)anthracene | n/a | = | 5 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Dibenz(a,h)anthracene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 52 | 156 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Dibenz(a,h)anthracene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 52 | 156 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Dibenzothiophene | n/a | = | 0.2157 | µg/L | EPA 625m | 0.001 | 0.005 | 54 | 136 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Dibenzothiophene | n/a | = | 0.231 | µg/L | EPA 625m | 0.001 | 0.005 | 54 | 136 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Dibenzothiophene | n/a | = | 99 | % | EPA 625m | -88 | -88 | 54 | 136 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Dibenzothiophene | n/a | = | 93 | % | EPA 625m | -88 | -88 | 54 | 136 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Dibenzothiophene | n/a | = | 6 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Dibenzothiophene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 54 | 136 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Dibenzothiophene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 54 | 136 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Diethyl phthalate | n/a | = | 0.4953 | µg/L | EPA 625m | 0.1 | 0.125 | 80 | 137 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Diethyl phthalate | n/a | = | 0.5123 | µg/L | EPA 625m | 0.1 | 0.125 | 80 | 137 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Diethyl phthalate | n/a | = | 110 | % | EPA 625m | -88 | -88 | 80 | 137 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Diethyl phthalate | n/a | = | 106 | % | EPA 625m | -88 | -88 | 80 | 137 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Diethyl phthalate | n/a | = | 4 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Diethyl phthalate | n/a | < | 0.1 | µg/L | EPA 625m | 0.1 | 0.125 | 80 | 137 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Diethyl phthalate | n/a | = | 0.285 | µg/L | EPA 625m | 0.1 | 0.125 | 80 | 137 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Dimethyl phthalate | n/a | = | 0.4712 | µg/L | EPA 625m | 0.05 | 0.075 | 64 | 128 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Dimethyl phthalate | n/a | = | 0.5003 | µg/L | EPA 625m | 0.05 | 0.075 | 64 | 128 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Dimethyl phthalate | n/a | = | 108 | % | EPA 625m | -88 | -88 | 64 | 128 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Dimethyl phthalate | n/a | = | 101 | % | EPA 625m | -88 | -88 | 64 | 128 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Dimethyl phthalate | n/a | = | 7 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Dimethyl phthalate | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.075 | 64 | 128 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Dimethyl phthalate | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.075 | 64 | 128 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Di-n-butylphthalate | n/a | = | 0.4998 | µg/L | EPA 625m | 0.075 | 0.1 | 83 | 138 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Di-n-butylphthalate | n/a | = | 0.5345 | µg/L | EPA 625m | 0.075 | 0.1 | 83 | 138 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Di-n-butylphthalate | n/a | = | 115 | % | EPA 625m | -88 | -88 | 83 | 138 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Di-n-butylphthalate | n/a | = | 107 | % | EPA 625m | -88 | -88 | 83 | 138 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Di-n-butylphthalate | n/a | = | 7 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Di-n-butylphthalate | n/a | < | 0.075 | µg/L | EPA 625m | 0.075 | 0.1 | 83 | 138 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Di-n-butylphthalate | n/a | < | 0.075 | µg/L | EPA 625m | 0.075 | 0.1 | 83 | 138 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------|---------------|----------------|---------------------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Di-n-octylphthalate | n/a | = | 0.4364 | µg/L | EPA 625m | 0.01 | 0.02 | 58 | 160 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Di-n-octylphthalate | n/a | = | 0.4764 | µg/L | EPA 625m | 0.01 | 0.02 | 58 | 160 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Di-n-octylphthalate | n/a | = | 102 | % | EPA 625m | -88 | -88 | 58 | 160 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Di-n-octylphthalate | n/a | = | 94 | % | EPA 625m | -88 | -88 | 58 | 160 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Di-n-octylphthalate | n/a | = | 8 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Di-n-octylphthalate | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.02 | 58 | 160 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Di-n-octylphthalate | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.02 | 58 | 160 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Fluoranthene | n/a | = | 0.2289 | µg/L | EPA 625m | 0.001 | 0.005 | 66 | 132 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Fluoranthene | n/a | = | 0.2424 | µg/L | EPA 625m | 0.001 | 0.005 | 66 | 132 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Fluoranthene | n/a | = | 104 | % | EPA 625m | -88 | -88 | 66 | 132 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Fluoranthene | n/a | = | 98 | % | EPA 625m | -88 | -88 | 66 | 132 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Fluoranthene | n/a | = | 6 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Fluoranthene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 66 | 132 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Fluoranthene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 66 | 132 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Fluorene | n/a | = | 0.2066 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 122 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Fluorene | n/a | = | 0.2165 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 122 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Fluorene | n/a | = | 93 | % | EPA 625m | -88 | -88 | 60 | 122 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Fluorene | n/a | = | 89 | % | EPA 625m | -88 | -88 | 60 | 122 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Fluorene | n/a | = | 4 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Fluorene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 122 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Fluorene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 122 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Hexachlorobenzene | n/a | = | 0.4085 | µg/L | EPA 625m | 0.001 | 0.005 | 37 | 112 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Hexachlorobenzene | n/a | = | 0.4435 | µg/L | EPA 625m | 0.001 | 0.005 | 37 | 112 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Hexachlorobenzene | n/a | = | 95 | % | EPA 625m | -88 | -88 | 37 | 112 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Hexachlorobenzene | n/a | = | 88 | % | EPA 625m | -88 | -88 | 37 | 112 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Hexachlorobenzene | n/a | = | 8 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Hexachlorobenzene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 37 | 112 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Hexachlorobenzene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 37 | 112 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Hexachlorobutadiene | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Hexachlorobutadiene | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Hexachlorocyclopentadiene | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Hexachlorocyclopentadiene | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Hexachloroethane | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Hexachloroethane | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 0.1774 | µg/L | EPA 625m | 0.001 | 0.005 | 53 | 161 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 0.1856 | µg/L | EPA 625m | 0.001 | 0.005 | 53 | 161 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 80 | % | EPA 625m | -88 | -88 | 53 | 161 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 76 | % | EPA 625m | -88 | -88 | 53 | 161 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Indeno(1,2,3-cd)pyrene | n/a | = | 5 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Indeno(1,2,3-cd)pyrene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 53 | 161 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Indeno(1,2,3-cd)pyrene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 53 | 161 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Isophorone | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Isophorone | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Naphthalene | n/a | = | 0.1863 | µg/L | EPA 625m | 0.001 | 0.005 | 41 | 109 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Naphthalene | n/a | = | 0.1845 | µg/L | EPA 625m | 0.001 | 0.005 | 41 | 109 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Naphthalene | n/a | = | 79 | % | EPA 625m | -88 | -88 | 41 | 109 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Naphthalene | n/a | = | 80 | % | EPA 625m | -88 | -88 | 41 | 109 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------------|---------------|----------------|---------------------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Naphthalene | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Naphthalene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 41 | 109 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Naphthalene | n/a | = | 0.0133 | µg/L | EPA 625m | 0.001 | 0.005 | 41 | 109 | x |
| 2009/10-PRE | Lab | srgt LCS | 8/1/2009 | Organic | Naphthalene-d8 | n/a | = | 0.076 | µg/L | EPA 625m | -88 | -88 | 30 | 114 | x |
| 2009/10-PRE | Lab | srgt LCS dup | 8/1/2009 | Organic | Naphthalene-d8 | n/a | = | 0.078 | µg/L | EPA 625m | -88 | -88 | 30 | 114 | x |
| 2009/10-PRE | Lab | srgt LCS dup, rec | 8/1/2009 | Organic | Naphthalene-d8 | n/a | = | 78 | % | EPA 625m | -88 | -88 | 30 | 114 | x |
| 2009/10-PRE | Lab | srgt LCS, rec | 8/1/2009 | Organic | Naphthalene-d8 | n/a | = | 76 | % | EPA 625m | -88 | -88 | 30 | 114 | x |
| 2009/10-PRE | Lab | srgt LCS, RPD | 8/1/2009 | Organic | Naphthalene-d8 | n/a | = | 3 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | srgt method blank | 8/1/2009 | Organic | Naphthalene-d8 | n/a | = | 0.069 | µg/L | EPA 625m | -88 | -88 | 30 | 114 | x |
| 2009/10-PRE | Lab | srgt method blank, rec | 8/1/2009 | Organic | Naphthalene-d8 | n/a | = | 69 | % | EPA 625m | -88 | -88 | 30 | 114 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank | 8/1/2009 | Organic | Naphthalene-d8 | n/a | = | 0.069 | µg/L | EPA 625m | -88 | -88 | 30 | 114 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank, rec | 8/1/2009 | Organic | Naphthalene-d8 | n/a | = | 69 | % | EPA 625m | -88 | -88 | 30 | 114 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Nitrobenzene | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Nitrobenzene | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | N-Nitrosodimethylamine | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | N-Nitrosodimethylamine | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 0.3547 | µg/L | EPA 625m | 0.05 | 0.1 | 44 | 128 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 0.3679 | µg/L | EPA 625m | 0.05 | 0.1 | 44 | 128 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 79 | % | EPA 625m | -88 | -88 | 44 | 128 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 76 | % | EPA 625m | -88 | -88 | 44 | 128 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | N-Nitrosodi-N-propylamine | n/a | = | 4 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | N-Nitrosodi-N-propylamine | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 44 | 128 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | N-Nitrosodi-N-propylamine | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 44 | 128 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | N-Nitrosodiphenylamine | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | N-Nitrosodiphenylamine | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 60 | 140 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Perylene | n/a | = | 0.2316 | µg/L | EPA 625m | 0.001 | 0.005 | 51 | 144 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Perylene | n/a | = | 0.2283 | µg/L | EPA 625m | 0.001 | 0.005 | 51 | 144 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Perylene | n/a | = | 98 | % | EPA 625m | -88 | -88 | 51 | 144 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Perylene | n/a | = | 100 | % | EPA 625m | -88 | -88 | 51 | 144 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Perylene | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Perylene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 51 | 144 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Perylene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 51 | 144 | x |
| 2009/10-PRE | Lab | srgt LCS | 8/1/2009 | Organic | Perylene-d12 | n/a | = | 0.097 | µg/L | EPA 625m | -88 | -88 | 41 | 133 | x |
| 2009/10-PRE | Lab | srgt LCS dup | 8/1/2009 | Organic | Perylene-d12 | n/a | = | 0.095 | µg/L | EPA 625m | -88 | -88 | 41 | 133 | x |
| 2009/10-PRE | Lab | srgt LCS dup, rec | 8/1/2009 | Organic | Perylene-d12 | n/a | = | 95 | % | EPA 625m | -88 | -88 | 41 | 133 | x |
| 2009/10-PRE | Lab | srgt LCS, rec | 8/1/2009 | Organic | Perylene-d12 | n/a | = | 97 | % | EPA 625m | -88 | -88 | 41 | 133 | x |
| 2009/10-PRE | Lab | srgt LCS, RPD | 8/1/2009 | Organic | Perylene-d12 | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | srgt method blank | 8/1/2009 | Organic | Perylene-d12 | n/a | = | 0.098 | µg/L | EPA 625m | -88 | -88 | 41 | 133 | x |
| 2009/10-PRE | Lab | srgt method blank, rec | 8/1/2009 | Organic | Perylene-d12 | n/a | = | 98 | % | EPA 625m | -88 | -88 | 41 | 133 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank | 8/1/2009 | Organic | Perylene-d12 | n/a | = | 0.095 | µg/L | EPA 625m | -88 | -88 | 41 | 133 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank, rec | 8/1/2009 | Organic | Perylene-d12 | n/a | = | 95 | % | EPA 625m | -88 | -88 | 41 | 133 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Phenanthrene | n/a | = | 0.2158 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 127 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Phenanthrene | n/a | = | 0.2326 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 127 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Phenanthrene | n/a | = | 100 | % | EPA 625m | -88 | -88 | 56 | 127 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Phenanthrene | n/a | = | 93 | % | EPA 625m | -88 | -88 | 56 | 127 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Phenanthrene | n/a | = | 7 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Phenanthrene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 127 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------------|---------------|----------------|-----------------------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Phenanthrene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 127 | x |
| 2009/10-PRE | Lab | srgt LCS | 8/1/2009 | Organic | Phenanthrene-d10 | n/a | = | 0.093 | µg/L | EPA 625m | -88 | -88 | 61 | 127 | x |
| 2009/10-PRE | Lab | srgt LCS dup | 8/1/2009 | Organic | Phenanthrene-d10 | n/a | = | 0.098 | µg/L | EPA 625m | -88 | -88 | 61 | 127 | x |
| 2009/10-PRE | Lab | srgt LCS dup, rec | 8/1/2009 | Organic | Phenanthrene-d10 | n/a | = | 98 | % | EPA 625m | -88 | -88 | 61 | 127 | x |
| 2009/10-PRE | Lab | srgt LCS, rec | 8/1/2009 | Organic | Phenanthrene-d10 | n/a | = | 93 | % | EPA 625m | -88 | -88 | 61 | 127 | x |
| 2009/10-PRE | Lab | srgt LCS, RPD | 8/1/2009 | Organic | Phenanthrene-d10 | n/a | = | 5 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | srgt method blank | 8/1/2009 | Organic | Phenanthrene-d10 | n/a | = | 0.089 | µg/L | EPA 625m | -88 | -88 | 61 | 127 | x |
| 2009/10-PRE | Lab | srgt method blank, rec | 8/1/2009 | Organic | Phenanthrene-d10 | n/a | = | 89 | % | EPA 625m | -88 | -88 | 61 | 127 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank | 8/1/2009 | Organic | Phenanthrene-d10 | n/a | = | 0.086 | µg/L | EPA 625m | -88 | -88 | 61 | 127 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank, rec | 8/1/2009 | Organic | Phenanthrene-d10 | n/a | = | 86 | % | EPA 625m | -88 | -88 | 61 | 127 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Phenol | n/a | = | 0.8022 | µg/L | EPA 625m | 0.1 | 0.2 | 0 | 149 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Phenol | n/a | = | 0.8339 | µg/L | EPA 625m | 0.1 | 0.2 | 0 | 149 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Phenol | n/a | = | 36 | % | EPA 625m | -88 | -88 | 0 | 149 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Phenol | n/a | = | 34 | % | EPA 625m | -88 | -88 | 0 | 149 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Phenol | n/a | = | 6 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Phenol | n/a | < | 0.1 | µg/L | EPA 625m | 0.1 | 0.2 | 0 | 149 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Phenol | n/a | = | 0.219 | µg/L | EPA 625m | 0.1 | 0.2 | 0 | 149 | x |
| 2009/10-PRE | Lab | srgt LCS | 8/1/2009 | Organic | Phenol-d5 | n/a | = | 0.029 | µg/L | EPA 625m | -88 | -88 | 0 | 157 | x |
| 2009/10-PRE | Lab | srgt LCS dup | 8/1/2009 | Organic | Phenol-d5 | n/a | = | 0.03 | µg/L | EPA 625m | -88 | -88 | 0 | 157 | x |
| 2009/10-PRE | Lab | srgt LCS dup, rec | 8/1/2009 | Organic | Phenol-d5 | n/a | = | 30 | % | EPA 625m | -88 | -88 | 0 | 157 | x |
| 2009/10-PRE | Lab | srgt LCS, rec | 8/1/2009 | Organic | Phenol-d5 | n/a | = | 29 | % | EPA 625m | -88 | -88 | 0 | 157 | x |
| 2009/10-PRE | Lab | srgt LCS, RPD | 8/1/2009 | Organic | Phenol-d5 | n/a | = | 3 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | srgt method blank | 8/1/2009 | Organic | Phenol-d5 | n/a | = | 0.027 | µg/L | EPA 625m | -88 | -88 | 0 | 157 | x |
| 2009/10-PRE | Lab | srgt method blank, rec | 8/1/2009 | Organic | Phenol-d5 | n/a | = | 27 | % | EPA 625m | -88 | -88 | 0 | 157 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank | 8/1/2009 | Organic | Phenol-d5 | n/a | = | 0.023 | µg/L | EPA 625m | -88 | -88 | 0 | 157 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank, rec | 8/1/2009 | Organic | Phenol-d5 | n/a | = | 23 | % | EPA 625m | -88 | -88 | 0 | 157 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Organic | Pyrene | n/a | = | 0.6952 | µg/L | EPA 625m | 0.001 | 0.005 | 13 | 168 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Organic | Pyrene | n/a | = | 0.7506 | µg/L | EPA 625m | 0.001 | 0.005 | 13 | 168 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Organic | Pyrene | n/a | = | 108 | % | EPA 625m | -88 | -88 | 13 | 168 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Organic | Pyrene | n/a | = | 100 | % | EPA 625m | -88 | -88 | 13 | 168 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Organic | Pyrene | n/a | = | 8 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Organic | Pyrene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 13 | 168 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Organic | Pyrene | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 13 | 168 | x |
| 2009/10-PRE | Lab | srgt LCS | 8/1/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.087 | µg/L | EPA 625m | -88 | -88 | 27 | 140 | x |
| 2009/10-PRE | Lab | srgt LCS dup | 8/1/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.095 | µg/L | EPA 625m | -88 | -88 | 27 | 140 | x |
| 2009/10-PRE | Lab | srgt LCS dup, rec | 8/1/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 95 | % | EPA 625m | -88 | -88 | 27 | 140 | x |
| 2009/10-PRE | Lab | srgt LCS, rec | 8/1/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 87 | % | EPA 625m | -88 | -88 | 27 | 140 | x |
| 2009/10-PRE | Lab | srgt LCS, RPD | 8/1/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 9 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | srgt method blank | 8/1/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.077 | µg/L | EPA 625m | -88 | -88 | 27 | 140 | x |
| 2009/10-PRE | Lab | srgt method blank, rec | 8/1/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 77 | % | EPA 625m | -88 | -88 | 27 | 140 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank | 8/1/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 0.079 | µg/L | EPA 625m | -88 | -88 | 27 | 140 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank, rec | 8/1/2009 | Organic | Tetrachloro-m-xylene (TCMX) | n/a | = | 79 | % | EPA 625m | -88 | -88 | 27 | 140 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 003 | n/a | = | 0.1706 | µg/L | EPA 625m | 0.001 | 0.005 | 57 | 128 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 003 | n/a | = | 0.1693 | µg/L | EPA 625m | 0.001 | 0.005 | 57 | 128 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 003 | n/a | = | 91 | % | EPA 625m | -88 | -88 | 57 | 128 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 003 | n/a | = | 92 | % | EPA 625m | -88 | -88 | 57 | 128 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 003 | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------------|---------------|----------------|-------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 003 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 57 | 128 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 003 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 57 | 128 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 008 | n/a | = | 0.1767 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 121 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 008 | n/a | = | 0.1798 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 121 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 008 | n/a | = | 97 | % | EPA 625m | -88 | -88 | 65 | 121 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 008 | n/a | = | 95 | % | EPA 625m | -88 | -88 | 65 | 121 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 008 | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 008 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 121 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 008 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 121 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 018 | n/a | = | 0.1888 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 123 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 018 | n/a | = | 0.1881 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 123 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 018 | n/a | = | 101 | % | EPA 625m | -88 | -88 | 60 | 123 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 018 | n/a | = | 102 | % | EPA 625m | -88 | -88 | 60 | 123 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 018 | n/a | = | 0 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 018 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 123 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 018 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 123 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 028 | n/a | = | 0.1858 | µg/L | EPA 625m | 0.001 | 0.005 | 68 | 133 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 028 | n/a | = | 0.1815 | µg/L | EPA 625m | 0.001 | 0.005 | 68 | 133 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 028 | n/a | = | 98 | % | EPA 625m | -88 | -88 | 68 | 133 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 028 | n/a | = | 100 | % | EPA 625m | -88 | -88 | 68 | 133 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 028 | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 028 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 68 | 133 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 028 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 68 | 133 | x |
| 2009/10-PRE | Lab | srgt LCS | 8/1/2009 | PCB | PCB 030 | n/a | = | 0.092 | µg/L | EPA 625m | -88 | -88 | 41 | 139 | x |
| 2009/10-PRE | Lab | srgt LCS dup | 8/1/2009 | PCB | PCB 030 | n/a | = | 0.092 | µg/L | EPA 625m | -88 | -88 | 41 | 139 | x |
| 2009/10-PRE | Lab | srgt LCS dup, rec | 8/1/2009 | PCB | PCB 030 | n/a | = | 92 | % | EPA 625m | -88 | -88 | 41 | 139 | x |
| 2009/10-PRE | Lab | srgt LCS, rec | 8/1/2009 | PCB | PCB 030 | n/a | = | 92 | % | EPA 625m | -88 | -88 | 41 | 139 | x |
| 2009/10-PRE | Lab | srgt LCS, RPD | 8/1/2009 | PCB | PCB 030 | n/a | = | 0 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | srgt method blank | 8/1/2009 | PCB | PCB 030 | n/a | = | 0.086 | µg/L | EPA 625m | -88 | -88 | 41 | 139 | x |
| 2009/10-PRE | Lab | srgt method blank, rec | 8/1/2009 | PCB | PCB 030 | n/a | = | 86 | % | EPA 625m | -88 | -88 | 41 | 139 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank | 8/1/2009 | PCB | PCB 030 | n/a | = | 0.092 | µg/L | EPA 625m | -88 | -88 | 41 | 139 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank, rec | 8/1/2009 | PCB | PCB 030 | n/a | = | 92 | % | EPA 625m | -88 | -88 | 41 | 139 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 031 | n/a | = | 0.1832 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 122 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 031 | n/a | = | 0.1811 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 122 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 031 | n/a | = | 97 | % | EPA 625m | -88 | -88 | 64 | 122 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 031 | n/a | = | 98 | % | EPA 625m | -88 | -88 | 64 | 122 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 031 | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 031 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 122 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 031 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 122 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 033 | n/a | = | 0.1849 | µg/L | EPA 625m | 0.001 | 0.005 | 69 | 120 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 033 | n/a | = | 0.1896 | µg/L | EPA 625m | 0.001 | 0.005 | 69 | 120 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 033 | n/a | = | 102 | % | EPA 625m | -88 | -88 | 69 | 120 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 033 | n/a | = | 99 | % | EPA 625m | -88 | -88 | 69 | 120 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 033 | n/a | = | 3 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 033 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 69 | 120 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 033 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 69 | 120 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 037 | n/a | = | 0.208 | µg/L | EPA 625m | 0.001 | 0.005 | 74 | 135 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------|---------------|----------------|---------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 037 | n/a | = | 0.2055 | µg/L | EPA 625m | 0.001 | 0.005 | 74 | 135 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 037 | n/a | = | 110 | % | EPA 625m | -88 | -88 | 74 | 135 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 037 | n/a | = | 112 | % | EPA 625m | -88 | -88 | 74 | 135 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 037 | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 037 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 74 | 135 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 037 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 74 | 135 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 044 | n/a | = | 0.1948 | µg/L | EPA 625m | 0.001 | 0.005 | 68 | 123 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 044 | n/a | = | 0.1918 | µg/L | EPA 625m | 0.001 | 0.005 | 68 | 123 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 044 | n/a | = | 103 | % | EPA 625m | -88 | -88 | 68 | 123 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 044 | n/a | = | 105 | % | EPA 625m | -88 | -88 | 68 | 123 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 044 | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 044 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 68 | 123 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 044 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 68 | 123 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 049 | n/a | = | 0.1865 | µg/L | EPA 625m | 0.001 | 0.005 | 67 | 115 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 049 | n/a | = | 0.1845 | µg/L | EPA 625m | 0.001 | 0.005 | 67 | 115 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 049 | n/a | = | 99 | % | EPA 625m | -88 | -88 | 67 | 115 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 049 | n/a | = | 100 | % | EPA 625m | -88 | -88 | 67 | 115 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 049 | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 049 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 67 | 115 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 049 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 67 | 115 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 052 | n/a | = | 0.1922 | µg/L | EPA 625m | 0.001 | 0.005 | 68 | 122 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 052 | n/a | = | 0.1978 | µg/L | EPA 625m | 0.001 | 0.005 | 68 | 122 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 052 | n/a | = | 106 | % | EPA 625m | -88 | -88 | 68 | 122 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 052 | n/a | = | 103 | % | EPA 625m | -88 | -88 | 68 | 122 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 052 | n/a | = | 3 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 052 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 68 | 122 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 052 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 68 | 122 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 056 + 060 | n/a | = | 0.1874 | µg/L | EPA 625m | 0.001 | 0.005 | 57 | 150 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 056 + 060 | n/a | = | 0.1957 | µg/L | EPA 625m | 0.001 | 0.005 | 57 | 150 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 056 + 060 | n/a | = | 105 | % | EPA 625m | -88 | -88 | 57 | 150 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 056 + 060 | n/a | = | 101 | % | EPA 625m | -88 | -88 | 57 | 150 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 056 + 060 | n/a | = | 4 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 056 + 060 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 57 | 150 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 056 + 060 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 57 | 150 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 066 | n/a | = | 0.1938 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 119 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 066 | n/a | = | 0.1993 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 119 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 066 | n/a | = | 107 | % | EPA 625m | -88 | -88 | 70 | 119 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 066 | n/a | = | 104 | % | EPA 625m | -88 | -88 | 70 | 119 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 066 | n/a | = | 3 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 066 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 119 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 066 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 119 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 070 | n/a | = | 0.1981 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 137 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 070 | n/a | = | 0.2063 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 137 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 070 | n/a | = | 111 | % | EPA 625m | -88 | -88 | 70 | 137 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 070 | n/a | = | 107 | % | EPA 625m | -88 | -88 | 70 | 137 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 070 | n/a | = | 5 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 070 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 137 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------|---------------|----------------|-------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 070 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 137 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 074 | n/a | = | 0.2018 | µg/L | EPA 625m | 0.001 | 0.005 | 75 | 135 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 074 | n/a | = | 0.2044 | µg/L | EPA 625m | 0.001 | 0.005 | 75 | 135 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 074 | n/a | = | 110 | % | EPA 625m | -88 | -88 | 75 | 135 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 074 | n/a | = | 108 | % | EPA 625m | -88 | -88 | 75 | 135 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 074 | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 074 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 75 | 135 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 074 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 75 | 135 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 077 | n/a | = | 0.1949 | µg/L | EPA 625m | 0.001 | 0.005 | 74 | 137 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 077 | n/a | = | 0.1966 | µg/L | EPA 625m | 0.001 | 0.005 | 74 | 137 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 077 | n/a | = | 106 | % | EPA 625m | -88 | -88 | 74 | 137 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 077 | n/a | = | 105 | % | EPA 625m | -88 | -88 | 74 | 137 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 077 | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 077 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 74 | 137 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 077 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 74 | 137 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 081 | n/a | = | 0.1948 | µg/L | EPA 625m | 0.001 | 0.005 | 71 | 138 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 081 | n/a | = | 0.1928 | µg/L | EPA 625m | 0.001 | 0.005 | 71 | 138 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 081 | n/a | = | 104 | % | EPA 625m | -88 | -88 | 71 | 138 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 081 | n/a | = | 105 | % | EPA 625m | -88 | -88 | 71 | 138 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 081 | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 081 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 71 | 138 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 081 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 71 | 138 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 087 | n/a | = | 0.1903 | µg/L | EPA 625m | 0.001 | 0.005 | 73 | 116 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 087 | n/a | = | 0.1994 | µg/L | EPA 625m | 0.001 | 0.005 | 73 | 116 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 087 | n/a | = | 107 | % | EPA 625m | -88 | -88 | 73 | 116 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 087 | n/a | = | 102 | % | EPA 625m | -88 | -88 | 73 | 116 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 087 | n/a | = | 5 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 087 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 73 | 116 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 087 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 73 | 116 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 095 | n/a | = | 0.191 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 118 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 095 | n/a | = | 0.1919 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 118 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 095 | n/a | = | 103 | % | EPA 625m | -88 | -88 | 64 | 118 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 095 | n/a | = | 103 | % | EPA 625m | -88 | -88 | 64 | 118 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 095 | n/a | = | 0 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 095 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 118 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 095 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 118 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 097 | n/a | = | 0.199 | µg/L | EPA 625m | 0.001 | 0.005 | 66 | 122 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 097 | n/a | = | 0.1949 | µg/L | EPA 625m | 0.001 | 0.005 | 66 | 122 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 097 | n/a | = | 105 | % | EPA 625m | -88 | -88 | 66 | 122 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 097 | n/a | = | 107 | % | EPA 625m | -88 | -88 | 66 | 122 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 097 | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 097 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 66 | 122 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 097 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 66 | 122 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 099 | n/a | = | 0.2059 | µg/L | EPA 625m | 0.001 | 0.005 | 68 | 130 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 099 | n/a | = | 0.2129 | µg/L | EPA 625m | 0.001 | 0.005 | 68 | 130 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 099 | n/a | = | 114 | % | EPA 625m | -88 | -88 | 68 | 130 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 099 | n/a | = | 111 | % | EPA 625m | -88 | -88 | 68 | 130 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------------|---------------|----------------|-------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 099 | n/a | = | 3 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 099 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 68 | 130 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 099 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 68 | 130 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 101 | n/a | = | 0.2056 | µg/L | EPA 625m | 0.001 | 0.005 | 67 | 118 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 101 | n/a | = | 0.2033 | µg/L | EPA 625m | 0.001 | 0.005 | 67 | 118 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 101 | n/a | = | 109 | % | EPA 625m | -88 | -88 | 67 | 118 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 101 | n/a | = | 111 | % | EPA 625m | -88 | -88 | 67 | 118 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 101 | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 101 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 67 | 118 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 101 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 67 | 118 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 105 | n/a | = | 0.1714 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 119 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 105 | n/a | = | 0.168 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 119 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 105 | n/a | = | 90 | % | EPA 625m | -88 | -88 | 70 | 119 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 105 | n/a | = | 92 | % | EPA 625m | -88 | -88 | 70 | 119 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 105 | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 105 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 119 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 105 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 119 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 110 | n/a | = | 0.1927 | µg/L | EPA 625m | 0.001 | 0.005 | 67 | 120 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 110 | n/a | = | 0.1976 | µg/L | EPA 625m | 0.001 | 0.005 | 67 | 120 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 110 | n/a | = | 106 | % | EPA 625m | -88 | -88 | 67 | 120 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 110 | n/a | = | 104 | % | EPA 625m | -88 | -88 | 67 | 120 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 110 | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 110 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 67 | 120 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 110 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 67 | 120 | x |
| 2009/10-PRE | Lab | srgt LCS | 8/1/2009 | PCB | PCB 112 | n/a | = | 0.091 | µg/L | EPA 625m | -88 | -88 | 52 | 144 | x |
| 2009/10-PRE | Lab | srgt LCS dup | 8/1/2009 | PCB | PCB 112 | n/a | = | 0.095 | µg/L | EPA 625m | -88 | -88 | 52 | 144 | x |
| 2009/10-PRE | Lab | srgt LCS dup, rec | 8/1/2009 | PCB | PCB 112 | n/a | = | 95 | % | EPA 625m | -88 | -88 | 52 | 144 | x |
| 2009/10-PRE | Lab | srgt LCS, rec | 8/1/2009 | PCB | PCB 112 | n/a | = | 91 | % | EPA 625m | -88 | -88 | 52 | 144 | x |
| 2009/10-PRE | Lab | srgt LCS, RPD | 8/1/2009 | PCB | PCB 112 | n/a | = | 4 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | srgt method blank | 8/1/2009 | PCB | PCB 112 | n/a | = | 0.092 | µg/L | EPA 625m | -88 | -88 | 52 | 144 | x |
| 2009/10-PRE | Lab | srgt method blank, rec | 8/1/2009 | PCB | PCB 112 | n/a | = | 92 | % | EPA 625m | -88 | -88 | 52 | 144 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank | 8/1/2009 | PCB | PCB 112 | n/a | = | 0.1 | µg/L | EPA 625m | -88 | -88 | 52 | 144 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank, rec | 8/1/2009 | PCB | PCB 112 | n/a | = | 100 | % | EPA 625m | -88 | -88 | 52 | 144 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 114 | n/a | = | 0.1687 | µg/L | EPA 625m | 0.001 | 0.005 | 76 | 137 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 114 | n/a | = | 0.1747 | µg/L | EPA 625m | 0.001 | 0.005 | 76 | 137 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 114 | n/a | = | 94 | % | EPA 625m | -88 | -88 | 76 | 137 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 114 | n/a | = | 91 | % | EPA 625m | -88 | -88 | 76 | 137 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 114 | n/a | = | 3 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 114 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 76 | 137 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 114 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 76 | 137 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 118 | n/a | = | 0.1684 | µg/L | EPA 625m | 0.001 | 0.005 | 73 | 111 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 118 | n/a | = | 0.1733 | µg/L | EPA 625m | 0.001 | 0.005 | 73 | 111 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 118 | n/a | = | 93 | % | EPA 625m | -88 | -88 | 73 | 111 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 118 | n/a | = | 91 | % | EPA 625m | -88 | -88 | 73 | 111 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 118 | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 118 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 73 | 111 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 118 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 73 | 111 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------|---------------|----------------|-------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 119 | n/a | = | 0.1936 | µg/L | EPA 625m | 0.001 | 0.005 | 66 | 118 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 119 | n/a | = | 0.2008 | µg/L | EPA 625m | 0.001 | 0.005 | 66 | 118 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 119 | n/a | = | 108 | % | EPA 625m | -88 | -88 | 66 | 118 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 119 | n/a | = | 104 | % | EPA 625m | -88 | -88 | 66 | 118 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 119 | n/a | = | 4 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 119 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 66 | 118 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 119 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 66 | 118 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 123 | n/a | = | 0.1628 | µg/L | EPA 625m | 0.001 | 0.005 | 73 | 120 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 123 | n/a | = | 0.1733 | µg/L | EPA 625m | 0.001 | 0.005 | 73 | 120 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 123 | n/a | = | 93 | % | EPA 625m | -88 | -88 | 73 | 120 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 123 | n/a | = | 88 | % | EPA 625m | -88 | -88 | 73 | 120 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 123 | n/a | = | 6 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 123 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 73 | 120 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 123 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 73 | 120 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 126 | n/a | = | 0.1659 | µg/L | EPA 625m | 0.001 | 0.005 | 76 | 133 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 126 | n/a | = | 0.1738 | µg/L | EPA 625m | 0.001 | 0.005 | 76 | 133 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 126 | n/a | = | 93 | % | EPA 625m | -88 | -88 | 76 | 133 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 126 | n/a | = | 89 | % | EPA 625m | -88 | -88 | 76 | 133 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 126 | n/a | = | 4 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 126 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 76 | 133 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 126 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 76 | 133 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 128 | n/a | = | 0.1717 | µg/L | EPA 625m | 0.001 | 0.005 | 63 | 136 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 128 | n/a | = | 0.1684 | µg/L | EPA 625m | 0.001 | 0.005 | 63 | 136 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 128 | n/a | = | 91 | % | EPA 625m | -88 | -88 | 63 | 136 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 128 | n/a | = | 92 | % | EPA 625m | -88 | -88 | 63 | 136 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 128 | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 128 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 63 | 136 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 128 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 63 | 136 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 138 | n/a | = | 0.1758 | µg/L | EPA 625m | 0.001 | 0.005 | 68 | 119 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 138 | n/a | = | 0.1734 | µg/L | EPA 625m | 0.001 | 0.005 | 68 | 119 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 138 | n/a | = | 93 | % | EPA 625m | -88 | -88 | 68 | 119 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 138 | n/a | = | 95 | % | EPA 625m | -88 | -88 | 68 | 119 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 138 | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 138 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 68 | 119 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 138 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 68 | 119 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 141 | n/a | = | 0.1547 | µg/L | EPA 625m | 0.001 | 0.005 | 61 | 130 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 141 | n/a | = | 0.1795 | µg/L | EPA 625m | 0.001 | 0.005 | 61 | 130 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 141 | n/a | = | 97 | % | EPA 625m | -88 | -88 | 61 | 130 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 141 | n/a | = | 83 | % | EPA 625m | -88 | -88 | 61 | 130 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 141 | n/a | = | 15 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 141 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 61 | 130 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 141 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 61 | 130 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 149 | n/a | = | 0.1654 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 119 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 149 | n/a | = | 0.176 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 119 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 149 | n/a | = | 95 | % | EPA 625m | -88 | -88 | 65 | 119 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 149 | n/a | = | 89 | % | EPA 625m | -88 | -88 | 65 | 119 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 149 | n/a | = | 7 | % | EPA 625m | -88 | -88 | 0 | 30 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------|---------------|----------------|---------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 149 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 119 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 149 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 119 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 151 | n/a | = | 0.1671 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 116 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 151 | n/a | = | 0.1815 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 116 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 151 | n/a | = | 98 | % | EPA 625m | -88 | -88 | 70 | 116 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 151 | n/a | = | 90 | % | EPA 625m | -88 | -88 | 70 | 116 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 151 | n/a | = | 9 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 151 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 116 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 151 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 116 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 153 | n/a | = | 0.1701 | µg/L | EPA 625m | 0.001 | 0.005 | 76 | 109 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 153 | n/a | = | 0.1663 | µg/L | EPA 625m | 0.001 | 0.005 | 76 | 109 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 153 | n/a | = | 89 | % | EPA 625m | -88 | -88 | 76 | 109 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 153 | n/a | = | 91 | % | EPA 625m | -88 | -88 | 76 | 109 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 153 | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 153 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 76 | 109 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 153 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 76 | 109 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 156 | n/a | = | 0.1576 | µg/L | EPA 625m | 0.001 | 0.005 | 71 | 118 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 156 | n/a | = | 0.1629 | µg/L | EPA 625m | 0.001 | 0.005 | 71 | 118 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 156 | n/a | = | 88 | % | EPA 625m | -88 | -88 | 71 | 118 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 156 | n/a | = | 85 | % | EPA 625m | -88 | -88 | 71 | 118 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 156 | n/a | = | 3 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 156 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 71 | 118 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 156 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 71 | 118 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 157 | n/a | = | 0.1555 | µg/L | EPA 625m | 0.001 | 0.005 | 69 | 115 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 157 | n/a | = | 0.1623 | µg/L | EPA 625m | 0.001 | 0.005 | 69 | 115 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 157 | n/a | = | 87 | % | EPA 625m | -88 | -88 | 69 | 115 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 157 | n/a | = | 84 | % | EPA 625m | -88 | -88 | 69 | 115 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 157 | n/a | = | 4 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 157 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 69 | 115 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 157 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 69 | 115 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 158 | n/a | = | 0.1581 | µg/L | EPA 625m | 0.001 | 0.005 | 71 | 120 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 158 | n/a | = | 0.1703 | µg/L | EPA 625m | 0.001 | 0.005 | 71 | 120 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 158 | n/a | = | 92 | % | EPA 625m | -88 | -88 | 71 | 120 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 158 | n/a | = | 85 | % | EPA 625m | -88 | -88 | 71 | 120 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 158 | n/a | = | 8 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 158 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 71 | 120 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 158 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 71 | 120 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 167 | n/a | = | 0.1523 | µg/L | EPA 625m | 0.001 | 0.005 | 63 | 117 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 167 | n/a | = | 0.1733 | µg/L | EPA 625m | 0.001 | 0.005 | 63 | 117 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 167 | n/a | = | 93 | % | EPA 625m | -88 | -88 | 63 | 117 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 167 | n/a | = | 82 | % | EPA 625m | -88 | -88 | 63 | 117 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 167 | n/a | = | 13 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 167 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 63 | 117 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 167 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 63 | 117 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 168 + 132 | n/a | = | 0.329 | µg/L | EPA 625m | 0.001 | 0.005 | 67 | 116 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 168 + 132 | n/a | = | 0.3318 | µg/L | EPA 625m | 0.001 | 0.005 | 67 | 116 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 168 + 132 | n/a | = | 89 | % | EPA 625m | -88 | -88 | 67 | 116 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------|---------------|----------------|---------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 168 + 132 | n/a | = | 88 | % | EPA 625m | -88 | -88 | 67 | 116 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 168 + 132 | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 168 + 132 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 67 | 116 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 168 + 132 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 67 | 116 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 169 | n/a | = | 0.1606 | µg/L | EPA 625m | 0.001 | 0.005 | 73 | 128 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 169 | n/a | = | 0.1562 | µg/L | EPA 625m | 0.001 | 0.005 | 73 | 128 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 169 | n/a | = | 84 | % | EPA 625m | -88 | -88 | 73 | 128 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 169 | n/a | = | 86 | % | EPA 625m | -88 | -88 | 73 | 128 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 169 | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 169 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 73 | 128 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 169 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 73 | 128 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 170 | n/a | = | 0.1535 | µg/L | EPA 625m | 0.001 | 0.005 | 61 | 129 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 170 | n/a | = | 0.1508 | µg/L | EPA 625m | 0.001 | 0.005 | 61 | 129 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 170 | n/a | = | 81 | % | EPA 625m | -88 | -88 | 61 | 129 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 170 | n/a | = | 83 | % | EPA 625m | -88 | -88 | 61 | 129 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 170 | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 170 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 61 | 129 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 170 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 61 | 129 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 174 | n/a | = | 0.1378 | µg/L | EPA 625m | 0.001 | 0.005 | 54 | 131 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 174 | n/a | = | 0.149 | µg/L | EPA 625m | 0.001 | 0.005 | 54 | 131 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 174 | n/a | = | 80 | % | EPA 625m | -88 | -88 | 54 | 131 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 174 | n/a | = | 74 | % | EPA 625m | -88 | -88 | 54 | 131 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 174 | n/a | = | 8 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 174 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 54 | 131 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 174 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 54 | 131 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 177 | n/a | = | 0.1554 | µg/L | EPA 625m | 0.001 | 0.005 | 69 | 127 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 177 | n/a | = | 0.1662 | µg/L | EPA 625m | 0.001 | 0.005 | 69 | 127 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 177 | n/a | = | 89 | % | EPA 625m | -88 | -88 | 69 | 127 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 177 | n/a | = | 84 | % | EPA 625m | -88 | -88 | 69 | 127 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 177 | n/a | = | 6 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 177 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 69 | 127 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 177 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 69 | 127 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 180 | n/a | = | 0.1562 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 126 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 180 | n/a | = | 0.1519 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 126 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 180 | n/a | = | 82 | % | EPA 625m | -88 | -88 | 65 | 126 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 180 | n/a | = | 84 | % | EPA 625m | -88 | -88 | 65 | 126 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 180 | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 180 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 126 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 180 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 126 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 183 | n/a | = | 0.171 | µg/L | EPA 625m | 0.001 | 0.005 | 71 | 113 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 183 | n/a | = | 0.1797 | µg/L | EPA 625m | 0.001 | 0.005 | 71 | 113 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 183 | n/a | = | 97 | % | EPA 625m | -88 | -88 | 71 | 113 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 183 | n/a | = | 92 | % | EPA 625m | -88 | -88 | 71 | 113 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 183 | n/a | = | 5 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 183 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 71 | 113 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 183 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 71 | 113 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 187 | n/a | = | 0.1487 | µg/L | EPA 625m | 0.001 | 0.005 | 63 | 123 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------------|---------------|----------------|-------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 187 | n/a | = | 0.1644 | µg/L | EPA 625m | 0.001 | 0.005 | 63 | 123 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 187 | n/a | = | 88 | % | EPA 625m | -88 | -88 | 63 | 123 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 187 | n/a | = | 80 | % | EPA 625m | -88 | -88 | 63 | 123 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 187 | n/a | = | 10 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 187 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 63 | 123 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 187 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 63 | 123 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 189 | n/a | = | 0.143 | µg/L | EPA 625m | 0.001 | 0.005 | 69 | 123 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 189 | n/a | = | 0.1586 | µg/L | EPA 625m | 0.001 | 0.005 | 69 | 123 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 189 | n/a | = | 85 | % | EPA 625m | -88 | -88 | 69 | 123 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 189 | n/a | = | 77 | % | EPA 625m | -88 | -88 | 69 | 123 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 189 | n/a | = | 10 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 189 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 69 | 123 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 189 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 69 | 123 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 194 | n/a | = | 0.1371 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 126 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 194 | n/a | = | 0.1558 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 126 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 194 | n/a | = | 84 | % | EPA 625m | -88 | -88 | 65 | 126 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 194 | n/a | = | 74 | % | EPA 625m | -88 | -88 | 65 | 126 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 194 | n/a | = | 13 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 194 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 126 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 194 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 126 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 195 | n/a | = | 0.139 | µg/L | EPA 625m | 0.001 | 0.005 | 67 | 132 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 195 | n/a | = | 0.1558 | µg/L | EPA 625m | 0.001 | 0.005 | 67 | 132 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 195 | n/a | = | 84 | % | EPA 625m | -88 | -88 | 67 | 132 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 195 | n/a | = | 75 | % | EPA 625m | -88 | -88 | 67 | 132 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 195 | n/a | = | 11 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 195 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 67 | 132 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 195 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 67 | 132 | x |
| 2009/10-PRE | Lab | srgt LCS | 8/1/2009 | PCB | PCB 198 | n/a | = | 0.086 | µg/L | EPA 625m | -88 | -88 | 55 | 146 | x |
| 2009/10-PRE | Lab | srgt LCS dup | 8/1/2009 | PCB | PCB 198 | n/a | = | 0.09 | µg/L | EPA 625m | -88 | -88 | 55 | 146 | x |
| 2009/10-PRE | Lab | srgt LCS dup, rec | 8/1/2009 | PCB | PCB 198 | n/a | = | 90 | % | EPA 625m | -88 | -88 | 55 | 146 | x |
| 2009/10-PRE | Lab | srgt LCS, rec | 8/1/2009 | PCB | PCB 198 | n/a | = | 86 | % | EPA 625m | -88 | -88 | 55 | 146 | x |
| 2009/10-PRE | Lab | srgt LCS, RPD | 8/1/2009 | PCB | PCB 198 | n/a | = | 5 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | srgt method blank | 8/1/2009 | PCB | PCB 198 | n/a | = | 0.092 | µg/L | EPA 625m | -88 | -88 | 55 | 146 | x |
| 2009/10-PRE | Lab | srgt method blank, rec | 8/1/2009 | PCB | PCB 198 | n/a | = | 92 | % | EPA 625m | -88 | -88 | 55 | 146 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank | 8/1/2009 | PCB | PCB 198 | n/a | = | 0.094 | µg/L | EPA 625m | -88 | -88 | 55 | 146 | x |
| 2009/10-PRE | Tubing Blank | srgt equip blank, rec | 8/1/2009 | PCB | PCB 198 | n/a | = | 94 | % | EPA 625m | -88 | -88 | 55 | 146 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 200 | n/a | = | 0.161 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 117 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 200 | n/a | = | 0.1672 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 117 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 200 | n/a | = | 90 | % | EPA 625m | -88 | -88 | 65 | 117 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 200 | n/a | = | 87 | % | EPA 625m | -88 | -88 | 65 | 117 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 200 | n/a | = | 3 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 200 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 117 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 200 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 117 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 201 | n/a | = | 0.1442 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 127 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 201 | n/a | = | 0.1646 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 127 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 201 | n/a | = | 88 | % | EPA 625m | -88 | -88 | 70 | 127 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 201 | n/a | = | 78 | % | EPA 625m | -88 | -88 | 70 | 127 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------|---------------|----------------|------------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 201 | n/a | = | 12 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 201 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 127 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 201 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 127 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 203 | n/a | = | 0.1513 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 125 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 203 | n/a | = | 0.1662 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 125 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 203 | n/a | = | 89 | % | EPA 625m | -88 | -88 | 60 | 125 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 203 | n/a | = | 81 | % | EPA 625m | -88 | -88 | 60 | 125 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 203 | n/a | = | 9 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 203 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 125 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 203 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 125 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 206 | n/a | = | 0.1368 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 126 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 206 | n/a | = | 0.1524 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 126 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 206 | n/a | = | 82 | % | EPA 625m | -88 | -88 | 65 | 126 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 206 | n/a | = | 74 | % | EPA 625m | -88 | -88 | 65 | 126 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 206 | n/a | = | 10 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 206 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 126 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 206 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 126 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | PCB | PCB 209 | n/a | = | 0.1216 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 128 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | PCB | PCB 209 | n/a | = | 0.1477 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 128 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | PCB | PCB 209 | n/a | = | 79 | % | EPA 625m | -88 | -88 | 64 | 128 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | PCB | PCB 209 | n/a | = | 65 | % | EPA 625m | -88 | -88 | 64 | 128 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | PCB | PCB 209 | n/a | = | 19 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB 209 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 128 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB 209 | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 128 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB Aroclor 1016 | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.02 | 65 | 135 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB Aroclor 1016 | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.02 | 65 | 135 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB Aroclor 1221 | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.02 | 65 | 135 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB Aroclor 1221 | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.02 | 65 | 135 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB Aroclor 1232 | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.02 | 65 | 135 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB Aroclor 1232 | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.02 | 65 | 135 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB Aroclor 1242 | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.02 | 65 | 135 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB Aroclor 1242 | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.02 | 65 | 135 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB Aroclor 1248 | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.02 | 65 | 135 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB Aroclor 1248 | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.02 | 65 | 135 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB Aroclor 1254 | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.02 | 65 | 135 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB Aroclor 1254 | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.02 | 65 | 135 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | PCB | PCB Aroclor 1260 | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.02 | 65 | 135 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | PCB | PCB Aroclor 1260 | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.02 | 65 | 135 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | 2,4'-DDD | n/a | = | 0.2426 | µg/L | EPA 625m | 0.001 | 0.005 | 50 | 140 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | 2,4'-DDD | n/a | = | 0.2516 | µg/L | EPA 625m | 0.001 | 0.005 | 50 | 140 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | 2,4'-DDD | n/a | = | 108 | % | EPA 625m | -88 | -88 | 50 | 140 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | 2,4'-DDD | n/a | = | 104 | % | EPA 625m | -88 | -88 | 50 | 140 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | 2,4'-DDD | n/a | = | 4 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | 2,4'-DDD | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 50 | 140 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | 2,4'-DDD | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 50 | 140 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | 2,4'-DDE | n/a | = | 0.2369 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 130 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | 2,4'-DDE | n/a | = | 0.2466 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 130 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------|---------------|----------------|-------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | 2,4'-DDE | n/a | = | 106 | % | EPA 625m | -88 | -88 | 60 | 130 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | 2,4'-DDE | n/a | = | 102 | % | EPA 625m | -88 | -88 | 60 | 130 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | 2,4'-DDE | n/a | = | 4 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | 2,4'-DDE | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 130 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | 2,4'-DDE | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 130 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | 2,4'-DDT | n/a | = | 0.2056 | µg/L | EPA 625m | 0.001 | 0.005 | 40 | 130 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | 2,4'-DDT | n/a | = | 0.2019 | µg/L | EPA 625m | 0.001 | 0.005 | 40 | 130 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | 2,4'-DDT | n/a | = | 87 | % | EPA 625m | -88 | -88 | 40 | 130 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | 2,4'-DDT | n/a | = | 88 | % | EPA 625m | -88 | -88 | 40 | 130 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | 2,4'-DDT | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | 2,4'-DDT | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 40 | 130 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | 2,4'-DDT | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 40 | 130 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | 4,4'-DDD | n/a | = | 0.2161 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 140 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | 4,4'-DDD | n/a | = | 0.2314 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 140 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | 4,4'-DDD | n/a | = | 99 | % | EPA 625m | -88 | -88 | 60 | 140 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | 4,4'-DDD | n/a | = | 93 | % | EPA 625m | -88 | -88 | 60 | 140 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | 4,4'-DDD | n/a | = | 7 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | 4,4'-DDD | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 140 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | 4,4'-DDD | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 140 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | 4,4'-DDE | n/a | = | 0.2614 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 130 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | 4,4'-DDE | n/a | = | 0.2684 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 130 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | 4,4'-DDE | n/a | = | 115 | % | EPA 625m | -88 | -88 | 70 | 130 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | 4,4'-DDE | n/a | = | 112 | % | EPA 625m | -88 | -88 | 70 | 130 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | 4,4'-DDE | n/a | = | 3 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | 4,4'-DDE | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 130 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | 4,4'-DDE | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 130 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | 4,4'-DDT | n/a | = | 0.207 | µg/L | EPA 625m | 0.001 | 0.005 | 0 | 150 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | 4,4'-DDT | n/a | = | 0.2151 | µg/L | EPA 625m | 0.001 | 0.005 | 0 | 150 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | 4,4'-DDT | n/a | = | 92 | % | EPA 625m | -88 | -88 | 0 | 150 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | 4,4'-DDT | n/a | = | 89 | % | EPA 625m | -88 | -88 | 0 | 150 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | 4,4'-DDT | n/a | = | 3 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | 4,4'-DDT | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 0 | 150 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | 4,4'-DDT | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 0 | 150 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Aldrin | n/a | = | 0.2386 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 141 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Aldrin | n/a | = | 0.2342 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 141 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Aldrin | n/a | = | 101 | % | EPA 625m | -88 | -88 | 65 | 141 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Aldrin | n/a | = | 103 | % | EPA 625m | -88 | -88 | 65 | 141 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Aldrin | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Aldrin | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 141 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Aldrin | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 141 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | alpha-BHC | n/a | = | 0.234 | µg/L | EPA 625m | 0.001 | 0.005 | 53 | 140 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | alpha-BHC | n/a | = | 0.2335 | µg/L | EPA 625m | 0.001 | 0.005 | 53 | 140 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | alpha-BHC | n/a | = | 100 | % | EPA 625m | -88 | -88 | 53 | 140 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | alpha-BHC | n/a | = | 101 | % | EPA 625m | -88 | -88 | 53 | 140 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | alpha-BHC | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | alpha-BHC | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 53 | 140 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | alpha-BHC | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 53 | 140 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------|---------------|----------------|-----------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | alpha-Chlordane | n/a | = | 0.2331 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 145 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | alpha-Chlordane | n/a | = | 0.2493 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 145 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | alpha-Chlordane | n/a | = | 107 | % | EPA 625m | -88 | -88 | 56 | 145 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | alpha-Chlordane | n/a | = | 100 | % | EPA 625m | -88 | -88 | 56 | 145 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | alpha-Chlordane | n/a | = | 7 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | alpha-Chlordane | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 145 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | alpha-Chlordane | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 145 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | beta-BHC | n/a | = | 0 | µg/L | EPA 625m | 0.001 | 0.005 | 48 | 145 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | beta-BHC | n/a | = | 0 | µg/L | EPA 625m | 0.001 | 0.005 | 48 | 145 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | beta-BHC | n/a | = | 0 | % | EPA 625m | -88 | -88 | 48 | 145 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | beta-BHC | n/a | = | 0 | % | EPA 625m | -88 | -88 | 48 | 145 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | beta-BHC | n/a | = | 0 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | beta-BHC | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 48 | 145 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | beta-BHC | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 48 | 145 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Bolstar | n/a | = | 0.2114 | µg/L | EPA 625m | 0.002 | 0.004 | 55 | 143 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Bolstar | n/a | = | 0.1939 | µg/L | EPA 625m | 0.002 | 0.004 | 55 | 143 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Bolstar | n/a | = | 83 | % | EPA 625m | -88 | -88 | 55 | 143 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Bolstar | n/a | = | 91 | % | EPA 625m | -88 | -88 | 55 | 143 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Bolstar | n/a | = | 9 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Bolstar | n/a | < | 0.002 | µg/L | EPA 625m | 0.002 | 0.004 | 55 | 143 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Bolstar | n/a | < | 0.002 | µg/L | EPA 625m | 0.002 | 0.004 | 55 | 143 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Chlorpyrifos | n/a | = | 0.2229 | µg/L | EPA 625m | 0.001 | 0.002 | 55 | 137 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Chlorpyrifos | n/a | = | 0.2101 | µg/L | EPA 625m | 0.001 | 0.002 | 55 | 137 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Chlorpyrifos | n/a | = | 90 | % | EPA 625m | -88 | -88 | 55 | 137 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Chlorpyrifos | n/a | = | 96 | % | EPA 625m | -88 | -88 | 55 | 137 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Chlorpyrifos | n/a | = | 6 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Chlorpyrifos | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.002 | 55 | 137 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Chlorpyrifos | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.002 | 55 | 137 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | cis-Nonachlor | n/a | = | 0.1949 | µg/L | EPA 625m | 0.001 | 0.005 | 69 | 132 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | cis-Nonachlor | n/a | = | 0.2145 | µg/L | EPA 625m | 0.001 | 0.005 | 69 | 132 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | cis-Nonachlor | n/a | = | 92 | % | EPA 625m | -88 | -88 | 69 | 132 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | cis-Nonachlor | n/a | = | 84 | % | EPA 625m | -88 | -88 | 69 | 132 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | cis-Nonachlor | n/a | = | 9 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | cis-Nonachlor | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 69 | 132 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | cis-Nonachlor | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 69 | 132 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | DCPA (Dacthal) | n/a | = | 0.2469 | µg/L | EPA 625m | 0.005 | 0.01 | 63 | 143 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | DCPA (Dacthal) | n/a | = | 0.2642 | µg/L | EPA 625m | 0.005 | 0.01 | 63 | 143 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | DCPA (Dacthal) | n/a | = | 114 | % | EPA 625m | -88 | -88 | 63 | 143 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | DCPA (Dacthal) | n/a | = | 106 | % | EPA 625m | -88 | -88 | 63 | 143 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | DCPA (Dacthal) | n/a | = | 7 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | DCPA (Dacthal) | n/a | < | 0.005 | µg/L | EPA 625m | 0.005 | 0.01 | 63 | 143 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | DCPA (Dacthal) | n/a | < | 0.005 | µg/L | EPA 625m | 0.005 | 0.01 | 63 | 143 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | delta-BHC | n/a | = | 0.2441 | µg/L | EPA 625m | 0.001 | 0.005 | 50 | 151 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | delta-BHC | n/a | = | 0.2659 | µg/L | EPA 625m | 0.001 | 0.005 | 50 | 151 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | delta-BHC | n/a | = | 114 | % | EPA 625m | -88 | -88 | 50 | 151 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | delta-BHC | n/a | = | 105 | % | EPA 625m | -88 | -88 | 50 | 151 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | delta-BHC | n/a | = | 8 | % | EPA 625m | -88 | -88 | 0 | 30 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------|---------------|----------------|-----------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | delta-BHC | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 50 | 151 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | delta-BHC | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 50 | 151 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Demeton (Total) | n/a | = | 0.1827 | µg/L | EPA 625m | 0.001 | 0.002 | 21 | 128 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Demeton (Total) | n/a | = | 0.1831 | µg/L | EPA 625m | 0.001 | 0.002 | 21 | 128 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Demeton (Total) | n/a | = | 79 | % | EPA 625m | -88 | -88 | 21 | 128 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Demeton (Total) | n/a | = | 79 | % | EPA 625m | -88 | -88 | 21 | 128 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Demeton (Total) | n/a | = | 0 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Demeton (Total) | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.002 | 21 | 128 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Demeton (Total) | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.002 | 21 | 128 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Diazinon | n/a | = | 0.2223 | µg/L | EPA 625m | 0.002 | 0.004 | 56 | 134 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Diazinon | n/a | = | 0.224 | µg/L | EPA 625m | 0.002 | 0.004 | 56 | 134 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Diazinon | n/a | = | 96 | % | EPA 625m | -88 | -88 | 56 | 134 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Diazinon | n/a | = | 96 | % | EPA 625m | -88 | -88 | 56 | 134 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Diazinon | n/a | = | 0 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Diazinon | n/a | < | 0.002 | µg/L | EPA 625m | 0.002 | 0.004 | 56 | 134 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Diazinon | n/a | < | 0.002 | µg/L | EPA 625m | 0.002 | 0.004 | 56 | 134 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Dichlorvos | n/a | = | 0.2252 | µg/L | EPA 625m | 0.003 | 0.006 | 59 | 136 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Dichlorvos | n/a | = | 0.2222 | µg/L | EPA 625m | 0.003 | 0.006 | 59 | 136 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Dichlorvos | n/a | = | 96 | % | EPA 625m | -88 | -88 | 59 | 136 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Dichlorvos | n/a | = | 97 | % | EPA 625m | -88 | -88 | 59 | 136 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Dichlorvos | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Dichlorvos | n/a | < | 0.003 | µg/L | EPA 625m | 0.003 | 0.006 | 59 | 136 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Dichlorvos | n/a | < | 0.003 | µg/L | EPA 625m | 0.003 | 0.006 | 59 | 136 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Dieldrin | n/a | = | 0.2332 | µg/L | EPA 625m | 0.001 | 0.005 | 52 | 149 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Dieldrin | n/a | = | 0.2368 | µg/L | EPA 625m | 0.001 | 0.005 | 52 | 149 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Dieldrin | n/a | = | 102 | % | EPA 625m | -88 | -88 | 52 | 149 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Dieldrin | n/a | = | 100 | % | EPA 625m | -88 | -88 | 52 | 149 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Dieldrin | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Dieldrin | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 52 | 149 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Dieldrin | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 52 | 149 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Dimethoate | n/a | = | 0.1713 | µg/L | EPA 625m | 0.003 | 0.006 | 46 | 149 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Dimethoate | n/a | = | 0.1801 | µg/L | EPA 625m | 0.003 | 0.006 | 46 | 149 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Dimethoate | n/a | = | 77 | % | EPA 625m | -88 | -88 | 46 | 149 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Dimethoate | n/a | = | 74 | % | EPA 625m | -88 | -88 | 46 | 149 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Dimethoate | n/a | = | 4 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Dimethoate | n/a | < | 0.003 | µg/L | EPA 625m | 0.003 | 0.006 | 46 | 149 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Dimethoate | n/a | < | 0.003 | µg/L | EPA 625m | 0.003 | 0.006 | 46 | 149 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Disulfoton | n/a | = | 0.1959 | µg/L | EPA 625m | 0.001 | 0.002 | 16 | 118 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Disulfoton | n/a | = | 0.1994 | µg/L | EPA 625m | 0.001 | 0.002 | 16 | 118 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Disulfoton | n/a | = | 86 | % | EPA 625m | -88 | -88 | 16 | 118 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Disulfoton | n/a | = | 84 | % | EPA 625m | -88 | -88 | 16 | 118 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Disulfoton | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Disulfoton | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.002 | 16 | 118 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Disulfoton | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.002 | 16 | 118 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Endosulfan I | n/a | = | 0.242 | µg/L | EPA 625m | 0.001 | 0.005 | 59 | 145 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Endosulfan I | n/a | = | 0.2467 | µg/L | EPA 625m | 0.001 | 0.005 | 59 | 145 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Endosulfan I | n/a | = | 106 | % | EPA 625m | -88 | -88 | 59 | 145 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------|---------------|----------------|--------------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Endosulfan I | n/a | = | 104 | % | EPA 625m | -88 | -88 | 59 | 145 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Endosulfan I | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Endosulfan I | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 59 | 145 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Endosulfan I | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 59 | 145 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Endosulfan II | n/a | = | 0.203 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 133 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Endosulfan II | n/a | = | 0.2111 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 133 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Endosulfan II | n/a | = | 91 | % | EPA 625m | -88 | -88 | 60 | 133 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Endosulfan II | n/a | = | 87 | % | EPA 625m | -88 | -88 | 60 | 133 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Endosulfan II | n/a | = | 4 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Endosulfan II | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 133 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Endosulfan II | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 133 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Endosulfan sulfate | n/a | = | 0.2079 | µg/L | EPA 625m | 0.001 | 0.005 | 57 | 142 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Endosulfan sulfate | n/a | = | 0.2156 | µg/L | EPA 625m | 0.001 | 0.005 | 57 | 142 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Endosulfan sulfate | n/a | = | 93 | % | EPA 625m | -88 | -88 | 57 | 142 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Endosulfan sulfate | n/a | = | 89 | % | EPA 625m | -88 | -88 | 57 | 142 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Endosulfan sulfate | n/a | = | 4 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Endosulfan sulfate | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 57 | 142 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Endosulfan sulfate | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 57 | 142 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Endrin | n/a | = | 0.2344 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 145 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Endrin | n/a | = | 0.2524 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 145 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Endrin | n/a | = | 109 | % | EPA 625m | -88 | -88 | 56 | 145 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Endrin | n/a | = | 101 | % | EPA 625m | -88 | -88 | 56 | 145 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Endrin | n/a | = | 8 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Endrin | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 145 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Endrin | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 145 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Endrin aldehyde | n/a | = | 0.207 | µg/L | EPA 625m | 0.001 | 0.005 | 33 | 138 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Endrin aldehyde | n/a | = | 0.1902 | µg/L | EPA 625m | 0.001 | 0.005 | 33 | 138 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Endrin aldehyde | n/a | = | 82 | % | EPA 625m | -88 | -88 | 33 | 138 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Endrin aldehyde | n/a | = | 89 | % | EPA 625m | -88 | -88 | 33 | 138 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Endrin aldehyde | n/a | = | 8 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Endrin aldehyde | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 33 | 138 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Endrin aldehyde | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 33 | 138 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Endrin ketone | n/a | = | 0.1797 | µg/L | EPA 625m | 0.001 | 0.005 | 54 | 143 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Endrin ketone | n/a | = | 0.2033 | µg/L | EPA 625m | 0.001 | 0.005 | 54 | 143 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Endrin ketone | n/a | = | 87 | % | EPA 625m | -88 | -88 | 54 | 143 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Endrin ketone | n/a | = | 77 | % | EPA 625m | -88 | -88 | 54 | 143 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Endrin ketone | n/a | = | 12 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Endrin ketone | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 54 | 143 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Endrin ketone | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 54 | 143 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Ethoprop | n/a | = | 0.209 | µg/L | EPA 625m | 0.001 | 0.002 | 55 | 141 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Ethoprop | n/a | = | 0.1955 | µg/L | EPA 625m | 0.001 | 0.002 | 55 | 141 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Ethoprop | n/a | = | 84 | % | EPA 625m | -88 | -88 | 55 | 141 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Ethoprop | n/a | = | 90 | % | EPA 625m | -88 | -88 | 55 | 141 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Ethoprop | n/a | = | 7 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Ethoprop | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.002 | 55 | 141 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Ethoprop | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.002 | 55 | 141 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Fensulfothion | n/a | = | 0.1791 | µg/L | EPA 625m | 0.001 | 0.002 | 54 | 150 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------|---------------|----------------|---------------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Fensulfothion | n/a | = | 0.1813 | µg/L | EPA 625m | 0.001 | 0.002 | 54 | 150 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Fensulfothion | n/a | = | 78 | % | EPA 625m | -88 | -88 | 54 | 150 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Fensulfothion | n/a | = | 77 | % | EPA 625m | -88 | -88 | 54 | 150 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Fensulfothion | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Fensulfothion | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.002 | 54 | 150 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Fensulfothion | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.002 | 54 | 150 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Fenthion | n/a | = | 0.2067 | µg/L | EPA 625m | 0.002 | 0.004 | 52 | 128 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Fenthion | n/a | = | 0.215 | µg/L | EPA 625m | 0.002 | 0.004 | 52 | 128 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Fenthion | n/a | = | 92 | % | EPA 625m | -88 | -88 | 52 | 128 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Fenthion | n/a | = | 89 | % | EPA 625m | -88 | -88 | 52 | 128 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Fenthion | n/a | = | 3 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Fenthion | n/a | < | 0.002 | µg/L | EPA 625m | 0.002 | 0.004 | 52 | 128 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Fenthion | n/a | < | 0.002 | µg/L | EPA 625m | 0.002 | 0.004 | 52 | 128 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | gamma-BHC (Lindane) | n/a | = | 0.235 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 138 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | gamma-BHC (Lindane) | n/a | = | 0.2412 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 138 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | gamma-BHC (Lindane) | n/a | = | 104 | % | EPA 625m | -88 | -88 | 56 | 138 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | gamma-BHC (Lindane) | n/a | = | 101 | % | EPA 625m | -88 | -88 | 56 | 138 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | gamma-BHC (Lindane) | n/a | = | 3 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | gamma-BHC (Lindane) | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 138 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | gamma-BHC (Lindane) | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 56 | 138 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | gamma-Chlordane | n/a | = | 0.2394 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 136 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | gamma-Chlordane | n/a | = | 0.2444 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 136 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | gamma-Chlordane | n/a | = | 105 | % | EPA 625m | -88 | -88 | 70 | 136 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | gamma-Chlordane | n/a | = | 103 | % | EPA 625m | -88 | -88 | 70 | 136 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | gamma-Chlordane | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | gamma-Chlordane | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 136 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | gamma-Chlordane | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 70 | 136 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Heptachlor | n/a | = | 0.2331 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 146 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Heptachlor | n/a | = | 0.2357 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 146 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Heptachlor | n/a | = | 101 | % | EPA 625m | -88 | -88 | 60 | 146 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Heptachlor | n/a | = | 100 | % | EPA 625m | -88 | -88 | 60 | 146 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Heptachlor | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Heptachlor | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 146 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Heptachlor | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 60 | 146 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Heptachlor epoxide | n/a | = | 0.2383 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 140 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Heptachlor epoxide | n/a | = | 0.221 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 140 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Heptachlor epoxide | n/a | = | 95 | % | EPA 625m | -88 | -88 | 64 | 140 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Heptachlor epoxide | n/a | = | 102 | % | EPA 625m | -88 | -88 | 64 | 140 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Heptachlor epoxide | n/a | = | 7 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Heptachlor epoxide | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 140 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Heptachlor epoxide | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 140 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Malathion | n/a | = | 0.2005 | µg/L | EPA 625m | 0.003 | 0.006 | 64 | 142 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Malathion | n/a | = | 0.198 | µg/L | EPA 625m | 0.003 | 0.006 | 64 | 142 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Malathion | n/a | = | 85 | % | EPA 625m | -88 | -88 | 64 | 142 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Malathion | n/a | = | 86 | % | EPA 625m | -88 | -88 | 64 | 142 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Malathion | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Malathion | n/a | < | 0.003 | µg/L | EPA 625m | 0.003 | 0.006 | 64 | 142 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------|---------------|----------------|------------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Malathion | n/a | < | 0.003 | µg/L | EPA 625m | 0.003 | 0.006 | 64 | 142 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Merphos | n/a | = | 0.1809 | µg/L | EPA 625m | 0.001 | 0.002 | 45 | 135 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Merphos | n/a | = | 0.1851 | µg/L | EPA 625m | 0.001 | 0.002 | 45 | 135 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Merphos | n/a | = | 80 | % | EPA 625m | -88 | -88 | 45 | 135 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Merphos | n/a | = | 78 | % | EPA 625m | -88 | -88 | 45 | 135 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Merphos | n/a | = | 3 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Merphos | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.002 | 45 | 135 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Merphos | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.002 | 45 | 135 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Methamidophos | n/a | = | 0 | µg/L | EPA 625m | 0.05 | 0.1 | 0 | 211 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Methamidophos | n/a | = | 0 | µg/L | EPA 625m | 0.05 | 0.1 | 0 | 211 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Methamidophos | n/a | = | 0 | % | EPA 625m | -88 | -88 | 0 | 211 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Methamidophos | n/a | = | 0 | % | EPA 625m | -88 | -88 | 0 | 211 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Methamidophos | n/a | = | 0 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Methamidophos | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 0 | 211 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Methamidophos | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 0 | 211 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Methoxychlor | n/a | = | 0.1932 | µg/L | EPA 625m | 0.001 | 0.005 | 34 | 143 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Methoxychlor | n/a | = | 0.2018 | µg/L | EPA 625m | 0.001 | 0.005 | 34 | 143 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Methoxychlor | n/a | = | 87 | % | EPA 625m | -88 | -88 | 34 | 143 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Methoxychlor | n/a | = | 83 | % | EPA 625m | -88 | -88 | 34 | 143 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Methoxychlor | n/a | = | 5 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Methoxychlor | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 34 | 143 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Methoxychlor | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 34 | 143 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Methyl parathion | n/a | = | 0.1851 | µg/L | EPA 625m | 0.001 | 0.002 | 49 | 141 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Methyl parathion | n/a | = | 0.2003 | µg/L | EPA 625m | 0.001 | 0.002 | 49 | 141 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Methyl parathion | n/a | = | 86 | % | EPA 625m | -88 | -88 | 49 | 141 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Methyl parathion | n/a | = | 80 | % | EPA 625m | -88 | -88 | 49 | 141 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Methyl parathion | n/a | = | 7 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Methyl parathion | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.002 | 49 | 141 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Methyl parathion | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.002 | 49 | 141 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Mevinphos | n/a | = | 0.206 | µg/L | EPA 625m | 0.008 | 0.016 | 61 | 141 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Mevinphos | n/a | = | 0.2061 | µg/L | EPA 625m | 0.008 | 0.016 | 61 | 141 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Mevinphos | n/a | = | 89 | % | EPA 625m | -88 | -88 | 61 | 141 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Mevinphos | n/a | = | 89 | % | EPA 625m | -88 | -88 | 61 | 141 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Mevinphos | n/a | = | 0 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Mevinphos | n/a | < | 0.008 | µg/L | EPA 625m | 0.008 | 0.016 | 61 | 141 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Mevinphos | n/a | < | 0.008 | µg/L | EPA 625m | 0.008 | 0.016 | 61 | 141 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Mirex | n/a | = | 0.19 | µg/L | EPA 625m | 0.001 | 0.005 | 51 | 138 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Mirex | n/a | = | 0.2051 | µg/L | EPA 625m | 0.001 | 0.005 | 51 | 138 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Mirex | n/a | = | 88 | % | EPA 625m | -88 | -88 | 51 | 138 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Mirex | n/a | = | 82 | % | EPA 625m | -88 | -88 | 51 | 138 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Mirex | n/a | = | 7 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Mirex | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 51 | 138 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Mirex | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 51 | 138 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Oxychlordane | n/a | = | 0.2626 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 142 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Oxychlordane | n/a | = | 0.2361 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 142 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Oxychlordane | n/a | = | 102 | % | EPA 625m | -88 | -88 | 64 | 142 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Oxychlordane | n/a | = | 113 | % | EPA 625m | -88 | -88 | 64 | 142 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------|---------------|----------------|-------------------------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Oxychlorthane | n/a | = | 10 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Oxychlorthane | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 142 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Oxychlorthane | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 64 | 142 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Pentachlorophenol | n/a | = | 1.9549 | µg/L | EPA 625m | 0.05 | 0.1 | 0 | 169 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Pentachlorophenol | n/a | = | 1.666 | µg/L | EPA 625m | 0.05 | 0.1 | 0 | 169 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Pentachlorophenol | n/a | = | 72 | % | EPA 625m | -88 | -88 | 0 | 169 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Pentachlorophenol | n/a | = | 84 | % | EPA 625m | -88 | -88 | 0 | 169 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Pentachlorophenol | n/a | = | 15 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Pentachlorophenol | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 0 | 169 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Pentachlorophenol | n/a | < | 0.05 | µg/L | EPA 625m | 0.05 | 0.1 | 0 | 169 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Phorate | n/a | = | 0.2019 | µg/L | EPA 625m | 0.006 | 0.012 | 47 | 119 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Phorate | n/a | = | 0.2059 | µg/L | EPA 625m | 0.006 | 0.012 | 47 | 119 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Phorate | n/a | = | 89 | % | EPA 625m | -88 | -88 | 47 | 119 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Phorate | n/a | = | 87 | % | EPA 625m | -88 | -88 | 47 | 119 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Phorate | n/a | = | 2 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Phorate | n/a | < | 0.006 | µg/L | EPA 625m | 0.006 | 0.012 | 47 | 119 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Phorate | n/a | < | 0.006 | µg/L | EPA 625m | 0.006 | 0.012 | 47 | 119 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 0.2069 | µg/L | EPA 625m | 0.002 | 0.004 | 59 | 135 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 0.2099 | µg/L | EPA 625m | 0.002 | 0.004 | 59 | 135 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 90 | % | EPA 625m | -88 | -88 | 59 | 135 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 89 | % | EPA 625m | -88 | -88 | 59 | 135 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Ronnel (Fenchlorphos) | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Ronnel (Fenchlorphos) | n/a | < | 0.002 | µg/L | EPA 625m | 0.002 | 0.004 | 59 | 135 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Ronnel (Fenchlorphos) | n/a | < | 0.002 | µg/L | EPA 625m | 0.002 | 0.004 | 59 | 135 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 0.2264 | µg/L | EPA 625m | 0.002 | 0.004 | 65 | 146 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 0.2281 | µg/L | EPA 625m | 0.002 | 0.004 | 65 | 146 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 98 | % | EPA 625m | -88 | -88 | 65 | 146 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 97 | % | EPA 625m | -88 | -88 | 65 | 146 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | < | 0.002 | µg/L | EPA 625m | 0.002 | 0.004 | 65 | 146 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Stirophos (Tetrachlorvinphos) | n/a | < | 0.002 | µg/L | EPA 625m | 0.002 | 0.004 | 65 | 146 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Tokuthion | n/a | = | 0.1937 | µg/L | EPA 625m | 0.003 | 0.006 | 61 | 135 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Tokuthion | n/a | = | 0.1993 | µg/L | EPA 625m | 0.003 | 0.006 | 61 | 135 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Tokuthion | n/a | = | 86 | % | EPA 625m | -88 | -88 | 61 | 135 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Tokuthion | n/a | = | 83 | % | EPA 625m | -88 | -88 | 61 | 135 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Tokuthion | n/a | = | 4 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Tokuthion | n/a | < | 0.003 | µg/L | EPA 625m | 0.003 | 0.006 | 61 | 135 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Tokuthion | n/a | < | 0.003 | µg/L | EPA 625m | 0.003 | 0.006 | 61 | 135 | x |
| 2009/10-PRE | Lab | LCS | 8/7/2009 | Pesticide | Toxaphene | n/a | = | 0.6183 | µg/L | EPA 625m | 0.01 | 0.05 | 65 | 135 | x |
| 2009/10-PRE | Lab | LCS dup | 8/7/2009 | Pesticide | Toxaphene | n/a | = | 0.5867 | µg/L | EPA 625m | 0.01 | 0.05 | 65 | 135 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/7/2009 | Pesticide | Toxaphene | n/a | = | 101 | % | EPA 625m | -88 | -88 | 65 | 135 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/7/2009 | Pesticide | Toxaphene | n/a | = | 106 | % | EPA 625m | -88 | -88 | 65 | 135 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/7/2009 | Pesticide | Toxaphene | n/a | = | 5 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/7/2009 | Pesticide | Toxaphene | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.05 | 65 | 135 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/7/2009 | Pesticide | Toxaphene | n/a | < | 0.01 | µg/L | EPA 625m | 0.01 | 0.05 | 65 | 135 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | trans-Nonachlor | n/a | = | 0.2441 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 138 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | trans-Nonachlor | n/a | = | 0.2332 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 138 | x |

2009/10 Laboratory QA/QC Analysis Results

| Event ID | Site ID | QAQC Sample Type | Analysis Date | Classification | Constituent | Fraction | Sign | Result | Units | Method | MDL | RL | QA Limit | | DQOComp |
|-------------|--------------|------------------|---------------|----------------|-----------------|----------|------|--------|-------|----------|-------|-------|----------|-----|---------|
| | | | | | | | | | | | | | Min | Max | |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | trans-Nonachlor | n/a | = | 100 | % | EPA 625m | -88 | -88 | 65 | 138 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | trans-Nonachlor | n/a | = | 105 | % | EPA 625m | -88 | -88 | 65 | 138 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | trans-Nonachlor | n/a | = | 5 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | trans-Nonachlor | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 138 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | trans-Nonachlor | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.005 | 65 | 138 | x |
| 2009/10-PRE | Lab | LCS | 8/1/2009 | Pesticide | Trichloronate | n/a | = | 0.2064 | µg/L | EPA 625m | 0.001 | 0.002 | 53 | 136 | x |
| 2009/10-PRE | Lab | LCS dup | 8/1/2009 | Pesticide | Trichloronate | n/a | = | 0.2057 | µg/L | EPA 625m | 0.001 | 0.002 | 53 | 136 | x |
| 2009/10-PRE | Lab | LCS dup, rec | 8/1/2009 | Pesticide | Trichloronate | n/a | = | 88 | % | EPA 625m | -88 | -88 | 53 | 136 | x |
| 2009/10-PRE | Lab | LCS, rec | 8/1/2009 | Pesticide | Trichloronate | n/a | = | 89 | % | EPA 625m | -88 | -88 | 53 | 136 | x |
| 2009/10-PRE | Lab | LCS, RPD | 8/1/2009 | Pesticide | Trichloronate | n/a | = | 1 | % | EPA 625m | -88 | -88 | 0 | 30 | x |
| 2009/10-PRE | Lab | method blank | 8/1/2009 | Pesticide | Trichloronate | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.002 | 53 | 136 | x |
| 2009/10-PRE | Tubing Blank | equip blank | 8/1/2009 | Pesticide | Trichloronate | n/a | < | 0.001 | µg/L | EPA 625m | 0.001 | 0.002 | 53 | 136 | x |

Appendix G. Laboratory Environmental Analysis Results

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|----------------|--------------------------------|-----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| ME-CC | 2009/10-1 | Wet | 3/2009 6:45:00 | 4/2009 8:10:00 | E. Coli | n/a | = | 388 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| ME-CC | 2009/10-1 | Wet | 3/2009 6:45:00 | 5/2009 2:20:00 | Enterococcus | n/a | = | 137 | MPN/100 mL | Enterolert | 10 | 10 | VCHCA | X |
| ME-CC | 2009/10-1 | Wet | 3/2009 6:45:00 | 8/2009 1:20:00 | Fecal Coliform | n/a | = | 500 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| ME-CC | 2009/10-1 | Wet | 3/2009 6:45:00 | 8/2009 1:20:00 | Total Coliform | n/a | = | 38730 | MPN/100 mL | MMO-MUG | 1000 | 1000 | VCHCA | D |
| ME-CC | 2009/10-1 | Wet | 3/2009 6:45:00 | 10/22/2009 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 3/2009 6:45:00 | 10/15/2009 | pH | n/a | = | 7.92 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 3/2009 6:45:00 | 10/16/2009 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 3/2009 6:45:00 | 10/21/2009 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 3/2009 6:45:00 | 10/22/2009 | Mercury | Total | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 3/2009 6:45:00 | 10/15/2009 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 3/2009 6:45:00 | 10/15/2009 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/17/2009 | Chloride | n/a | = | 190 | mg/L | EPA 300.0 | 0.79 | 5 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/17/2009 | Fluoride | n/a | = | 0.44 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/19/2009 | Perchlorate | n/a | < | 4.1 | µg/L | EPA 314.0 | 4.1 | 10 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/21/2009 | Calcium | Total | = | 91 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/21/2009 | Magnesium | Total | = | 52 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/19/2009 | Alkalinity as CaCO3 | n/a | = | 220 | mg/L | SM 2320 B | -88 | 2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | BOD | n/a | = | 28 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/17/2009 | COD | n/a | = | 83 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/21/2009 | Hardness as CaCO3 | Total | = | 440 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/15/2009 | MBAS | n/a | < | 0.019 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/26/2009 | Phenolics | n/a | = | 0.045 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 11/11/2009 | Specific Conductance | n/a | = | 1400 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 4/2009 5:12:00 | Total Chlorine Residual | n/a | < | 0.0016 | mg/L | SM 4500-Cl G | 0.0016 | 0.05 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | Total Dissolved Solids | n/a | = | 960 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Total Organic Carbon | n/a | = | 19 | mg/L | SM 5310 C | 0.32 | 3 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/19/2009 | Total Suspended Solids | n/a | = | 520 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/15/2009 | Turbidity | n/a | = | 31 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/19/2009 | Volatile Suspended Solids | n/a | = | 85 | mg/L | EPA 160.4 | -88 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/23/2009 | Aluminum | Dissolved | < | 0.19 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Aluminum | Total | = | 4100 | µg/L | EPA 200.8 | 0.95 | 25 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/23/2009 | Antimony | Dissolved | = | 0.87 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Antimony | Total | = | 1.5 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/23/2009 | Arsenic | Dissolved | = | 3.3 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Arsenic | Total | = | 5.1 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/23/2009 | Barium | Dissolved | = | 34 | µg/L | EPA 200.8 | 0.024 | 0.5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Barium | Total | = | 69 | µg/L | EPA 200.8 | 0.024 | 0.5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/23/2009 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Beryllium | Total | = | 0.16 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/23/2009 | Cadmium | Dissolved | = | 0.27 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Cadmium | Total | = | 0.59 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/23/2009 | Chromium | Dissolved | = | 0.41 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Chromium | Total | = | 21 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/16/2009 | Chromium VI | n/a | < | 0.0059 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/23/2009 | Copper | Dissolved | = | 4 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Copper | Total | = | 13 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/23/2009 | Iron | Dissolved | = | 33 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Iron | Total | = | 7700 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------------|-----------|------|--------|-------|-----------|-------|-----------------|----------------------|-----------|
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/23/2009 | Lead | Dissolved | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Lead | Total | = | 3.7 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | Mercury | Dissolved | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | Mercury | Total | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/23/2009 | Nickel | Dissolved | = | 9 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Nickel | Total | = | 23 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/23/2009 | Selenium | Dissolved | = | 2.1 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Selenium | Total | = | 3.9 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/23/2009 | Silver | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Silver | Total | = | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/23/2009 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/23/2009 | Zinc | Dissolved | = | 14 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Zinc | Total | = | 42 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/27/2009 | Ammonia as N | n/a | = | 0.48 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/15/2009 | Nitrate + Nitrite as N | n/a | = | 9 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/15/2009 | Nitrate as N | n/a | = | 8.9 | mg/L | EPA 353.2 | 0.022 | 0.1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/23/2009 | Phosphorus as P | Dissolved | = | 1.7 | mg/L | EPA 365.1 | 0.014 | 0.1 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/23/2009 | Phosphorus as P | Total | = | 2.4 | mg/L | EPA 365.1 | 0.028 | 0.2 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/26/2009 | TKN | n/a | = | 3.1 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | 2,4,6-Trichlorophenol | n/a | < | 0.88 | µg/L | EPA 625 | 0.88 | 10 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | 2,4-Dichlorophenol | n/a | < | 0.77 | µg/L | EPA 625 | 0.77 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | 2,4-Dimethylphenol | n/a | < | 0.8 | µg/L | EPA 625 | 0.8 | 2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | 2,4-Dinitrophenol | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | 2-Chlorophenol | n/a | < | 0.71 | µg/L | EPA 625 | 0.71 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | 2-Nitrophenol | n/a | < | 0.84 | µg/L | EPA 625 | 0.84 | 10 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | 4-Chloro-3-methylphenol | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | 4-Nitrophenol | n/a | < | 6.7 | µg/L | EPA 625 | 6.7 | 10 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Acenaphthene | n/a | < | 0.31 | µg/L | EPA 625 | 0.31 | 1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Acenaphthylene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Anthracene | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Benz(a)anthracene | n/a | < | 0.19 | µg/L | EPA 625 | 0.19 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Benidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | Benzo(a)pyrene | n/a | < | 0.091 | µg/L | EPA 525.2 | 0.091 | 0.12 | WKL | EUM,IL |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Benzo(b)fluoranthene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Benzo(g,h,i)perylene | n/a | < | 0.31 | µg/L | EPA 625 | 0.31 | 5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Benzo(k)fluoranthene | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 10 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | Bis(2-ethylhexyl)adipate | n/a | < | 0.29 | µg/L | EPA 525.2 | 0.29 | 6.2 | WKL | EUM,IL |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | Bis(2-ethylhexyl)phthalate | n/a | = | 22 | µg/L | EPA 525.2 | 1.3 | 3.7 | WKL | EUM,IL |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Chrysene | n/a | < | 0.25 | µg/L | EPA 625 | 0.25 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Dibenz(a,h)anthracene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 10 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Di-n-butylphthalate | n/a | < | 0.53 | µg/L | EPA 625 | 0.53 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Fluoranthene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Fluorene | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | IL |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 10 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Naphthalene | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Phenanthrene | n/a | < | 0.25 | µg/L | EPA 625 | 0.25 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Phenol | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/24/2009 | Pyrene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/16/2009 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/16/2009 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/16/2009 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/16/2009 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/16/2009 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/16/2009 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | Alachlor | n/a | < | 0.087 | µg/L | EPA 525.2 | 0.087 | 0.12 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | alpha-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | Atrazine | n/a | < | 0.059 | µg/L | EPA 525.2 | 0.059 | 0.12 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Azinphos methyl | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.02 | WKL | D,EUM |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/16/2009 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | EU |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Bolstar | n/a | < | 0.0092 | µg/L | EPA 525.2 | 0.0092 | 0.02 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | Bromacil | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 1.2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | Butachlor | n/a | < | 0.12 | µg/L | EPA 525.2 | 0.12 | 0.25 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | Captan | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 1.2 | WKL | IL |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/16/2009 | Chloramben | n/a | < | 1 | µg/L | EPA 515.3 | -88 | 1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | Chloropropham | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.12 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Chlorpyrifos | n/a | < | 0.014 | µg/L | EPA 525.2 | 0.014 | 0.02 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Coumaphos | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D,EUM |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | Cyanazine | n/a | < | 0.025 | µg/L | EPA 525.2 | 0.025 | 0.12 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/16/2009 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/16/2009 | DCPA (Dacthal) | n/a | = | 3 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Demeton-O | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Demeton-S | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Diazinon | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/16/2009 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/16/2009 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Dichlorvos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Dimethoate | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/16/2009 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | Diphenamid | n/a | < | 0.025 | µg/L | EPA 525.2 | 0.025 | 0.12 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Disulfoton | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | EPTC | n/a | < | 0.29 | µg/L | EPA 525.2 | 0.29 | 1.2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Ethoprop | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D,EUM |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Ethyl parathion | n/a | < | 0.0002 | µg/L | EPA 525.2 | 0.0002 | 0.02 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Fensulfathion | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Fenthion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.02 | WKL | D,EUM |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | gamma-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/16/2009 | Glyphosate | n/a | = | 31 | µg/L | EPA 547m | 1.8 | 5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Malathion | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D,EUM |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|--------------------------------|----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Merphos | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Methyl parathion | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | Metolachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.12 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | Metribuzin | n/a | < | 0.092 | µg/L | EPA 525.2 | 0.092 | 0.12 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Mevinphos | n/a | < | 0.0084 | µg/L | EPA 525.2 | 0.0084 | 0.02 | WKL | D,EUM |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | Molinate | n/a | < | 0.064 | µg/L | EPA 525.2 | 0.064 | 0.12 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Naled | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/16/2009 | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Phorate | n/a | < | 0.006 | µg/L | EPA 525.2 | 0.006 | 0.02 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/16/2009 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | Prometon | n/a | < | 0.2 | µg/L | EPA 525.2 | 0.2 | 0.25 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | Prometryn | n/a | = | 1.1 | µg/L | EPA 525.2 | 0.092 | 0.12 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Ronnel (Fenchlorphos) | n/a | < | 0.0082 | µg/L | EPA 525.2 | 0.0082 | 0.02 | WKL | D,EUM |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | Simazine | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.12 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.02 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | Terbacil | n/a | < | 0.69 | µg/L | EPA 525.2 | 0.69 | 2.5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | Thiobencarb | n/a | < | 0.14 | µg/L | EPA 525.2 | 0.14 | 0.25 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Tokuthion | n/a | < | 0.016 | µg/L | EPA 525.2 | 0.016 | 0.02 | WKL | D,EUM |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/22/2009 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/29/2009 | Trichloronate | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| ME-CC | 2009/10-1 | Wet | 4/2009 11:00:00 | 10/20/2009 | Trithion | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.12 | WKL | EUM |
| ME-CC | 2009/10-2 | Wet | 12/7/2009 | 12/8/2009 | E. Coli | n/a | = | 3873 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| ME-CC | 2009/10-2 | Wet | 12/7/2009 | 12/8/2009 | Enterococcus | n/a | = | 6240 | MPN/100 mL | Enterolert | 100 | 100 | VCHCA | X |
| ME-CC | 2009/10-2 | Wet | 12/7/2009 | 12/11/2009 | Fecal Coliform | n/a | = | 9000 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| ME-CC | 2009/10-2 | Wet | 12/7/2009 | 12/8/2009 | Total Coliform | n/a | = | 141360 | MPN/100 mL | MMO-MUG | 100 | 100 | VCHCA | X |
| ME-CC | 2009/10-2 | Wet | 7/2009 12:00:00 | 12/10/2009 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 7/2009 12:00:00 | 12/8/2009 | pH | n/a | = | 7.65 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 7/2009 12:00:00 | 12/22/2009 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 7/2009 12:00:00 | 12/22/2009 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 7/2009 12:00:00 | 12/18/2009 | Mercury | Total | DNQ | 21 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 7/2009 12:00:00 | 12/9/2009 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 7/2009 12:00:00 | 12/9/2009 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/11/2009 | Chloride | n/a | = | 79 | mg/L | EPA 300.0 | 0.079 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/11/2009 | Fluoride | n/a | = | 0.24 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Calcium | Total | = | 52 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Magnesium | Total | = | 28 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/10/2009 | Alkalinity as CaCO3 | n/a | = | 100 | mg/L | SM 2320 B | 1.2 | 2 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/14/2009 | BOD | n/a | = | 18 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/10/2009 | COD | n/a | = | 62 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Hardness as CaCO3 | Total | = | 240 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/10/2009 | MBAS | n/a | DNQ | 0.019 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/18/2009 | Phenolics | n/a | = | 0.08 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/9/2009 | Specific Conductance | n/a | = | 750 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/12/2009 | Total Dissolved Solids | n/a | = | 450 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/23/2009 | Total Organic Carbon | n/a | = | 11 | mg/L | SM 5310 C | 0.32 | 3 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/12/2009 | Total Suspended Solids | n/a | = | 620 | mg/L | SM 2540 D | 5 | 5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|---------------------------|-----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/9/2009 | Turbidity | n/a | = | 39 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/12/2009 | Volatile Suspended Solids | n/a | = | 120 | mg/L | EPA 160.4 | 3.1 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Aluminum | Dissolved | = | 20 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Aluminum | Total | = | 6500 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Antimony | Dissolved | = | 0.73 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Antimony | Total | = | 0.8 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Arsenic | Dissolved | = | 2.8 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Arsenic | Total | = | 5.5 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Barium | Total | = | 97 | µg/L | EPA 200.8 | 0.024 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Beryllium | Total | = | 0.33 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Cadmium | Dissolved | = | 0.17 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Cadmium | Total | = | 1 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Chromium | Dissolved | = | 0.46 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Chromium | Total | = | 20 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/10/2009 | Chromium VI | n/a | = | 0.31 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Copper | Dissolved | = | 5.2 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Copper | Total | = | 29 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Iron | Dissolved | = | 42 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Iron | Total | = | 11000 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Lead | Dissolved | DNQ | 0.13 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Lead | Total | = | 13 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/18/2009 | Mercury | Dissolved | DNQ | 5 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/18/2009 | Mercury | Total | DNQ | 43 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Nickel | Dissolved | = | 4.6 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Nickel | Total | = | 23 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Selenium | Dissolved | = | 0.93 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Selenium | Total | = | 3.3 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Silver | Dissolved | DNQ | 0.034 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Silver | Total | DNQ | 0.19 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Thallium | Total | DNQ | 0.14 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Zinc | Dissolved | = | 11 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/16/2009 | Zinc | Total | = | 91 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/11/2009 | Ammonia as N | n/a | = | 0.42 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/9/2009 | Nitrate + Nitrite as N | n/a | = | 4.1 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/9/2009 | Nitrate as N | n/a | = | 4.1 | mg/L | EPA 353.2 | 0.022 | 0.1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/22/2009 | Phosphorus as P | Dissolved | = | 2 | mg/L | EPA 365.1 | 0.07 | 0.5 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/22/2009 | Phosphorus as P | Total | = | 2.3 | mg/L | EPA 365.1 | 0.07 | 0.5 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/17/2009 | TKN | n/a | = | 3.3 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/22/2009 | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/22/2009 | 2,4,6-Trichlorophenol | n/a | DNQ | 0.8 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/22/2009 | 2,4-Dichlorophenol | n/a | DNQ | 0.57 | µg/L | EPA 8270Cm | 0.51 | 1 | WKL | D |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------------|----------|------|--------|-------|------------|-------|-----------------|----------------------|-----------|
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/22/2009 | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/22/2009 | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/22/2009 | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/22/2009 | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/22/2009 | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/22/2009 | 3-/4-Methylphenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/22/2009 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/22/2009 | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/22/2009 | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/18/2009 | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/18/2009 | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/18/2009 | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/18/2009 | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | Benzidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/15/2009 | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | WKL | GN |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/18/2009 | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/18/2009 | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/18/2009 | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/15/2009 | Bis(2-ethylhexyl)adipate | n/a | DNQ | 2.1 | µg/L | EPA 525.2 | 0.23 | 5 | WKL | GN,J |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/15/2009 | Bis(2-ethylhexyl)phthalate | n/a | = | 3.4 | µg/L | EPA 525.2 | 1.1 | 3 | WKL | GN,J |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/18/2009 | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/18/2009 | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | Diethyl phthalate | n/a | DNQ | 0.28 | µg/L | EPA 625 | 0.23 | 2 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | Di-n-butylphthalate | n/a | < | 0.53 | µg/L | EPA 625 | 0.53 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/18/2009 | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/18/2009 | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/18/2009 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/18/2009 | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|--------------------------|----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 1/4/2010 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/18/2009 | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/22/2009 | Phenol | n/a | < | 0.35 | µg/L | EPA 8270Cm | 0.35 | 1 | WKL | EUM |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/18/2009 | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/11/2009 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/11/2009 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/11/2009 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/11/2009 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | 2,4'-DDT | n/a | = | 0.016 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/11/2009 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | 4,4'-DDE | n/a | = | 0.09 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | 4,4'-DDT | n/a | = | 0.043 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/11/2009 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/15/2009 | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | WKL | GN |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | alpha-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/15/2009 | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | WKL | GN |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Azinphos methyl | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/11/2009 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Bolstar | n/a | < | 0.0092 | µg/L | EPA 525.2 | 0.0092 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/15/2009 | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | WKL | GN |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/15/2009 | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | GN |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/15/2009 | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | WKL | GN |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/11/2009 | Chloramben | n/a | < | 1 | µg/L | EPA 515.3 | 1 | 1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/15/2009 | Chloropropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | GN |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Chlorpyrifos | n/a | < | 0.014 | µg/L | EPA 525.2 | 0.014 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Coumaphos | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/15/2009 | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | GN |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/11/2009 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/11/2009 | DCPA (Dacthal) | n/a | = | 4 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Demeton-O | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Demeton-S | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Diazinon | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/11/2009 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-------------------------------|----------|------|--------|------------|------------|--------|-----------------|----------------------|-----------|
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/11/2009 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Dichlorvos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Dimethoate | n/a | = | 0.024 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/11/2009 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/15/2009 | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | GN |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Disulfoton | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/15/2009 | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | WKL | GN |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Ethoprop | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Ethyl parathion | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Fensulfothion | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Fenthion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | gamma-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/14/2009 | Glyphosate | n/a | = | 19 | µg/L | EPA 547 | 1.8 | 5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Malathion | n/a | = | 3.5 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | CJ,D,IL |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Merphos | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Methyl parathion | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/15/2009 | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | WKL | GN |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/15/2009 | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | GN |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Mevinphos | n/a | < | 0.0084 | µg/L | EPA 525.2 | 0.0084 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/15/2009 | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | WKL | GN |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Naled | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/11/2009 | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Phorate | n/a | < | 0.006 | µg/L | EPA 525.2 | 0.006 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/11/2009 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/15/2009 | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | GN |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/15/2009 | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | GN |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Ronnel (Fenchlorphos) | n/a | < | 0.0082 | µg/L | EPA 525.2 | 0.0082 | 0.02 | WKL | D,IL |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/15/2009 | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | WKL | GN |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/15/2009 | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | WKL | GN |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/15/2009 | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | GN |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Tokuthion | n/a | < | 0.016 | µg/L | EPA 525.2 | 0.016 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/21/2009 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/27/2009 | Trichloronate | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| ME-CC | 2009/10-2 | Wet | 8/2009 12:15:00 | 12/15/2009 | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | GN |
| ME-CC | 2009/10-3 | Wet | 2010 11:50:00 | 2010 11:00:00 | E. Coli | n/a | = | 1046 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | D |
| ME-CC | 2009/10-3 | Wet | 2010 11:50:00 | 2010 4:30:00 | Enterococcus | n/a | = | 1110 | MPN/100 mL | Enterolert | 100 | 100 | VCHCA | D |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|---------------|----------------|--------------------------------|-----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| ME-CC | 2009/10-3 | Wet | 2010 11:50:00 | 2010 2:50:00 P | Fecal Coliform | n/a | = | 3000 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| ME-CC | 2009/10-3 | Wet | 2010 11:50:00 | 2010 11:00:00 | Total Coliform | n/a | = | 365400 | MPN/100 mL | MMO-MUG | 1000 | 1000 | VCHCA | D |
| ME-CC | 2009/10-3 | Wet | 2010 11:50:00 | 2/17/2010 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 11:50:00 | 2010 5:00:00 P | pH | n/a | = | 7.74 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | BV |
| ME-CC | 2009/10-3 | Wet | 2010 11:50:00 | 2/17/2010 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 11:50:00 | 2/17/2010 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 11:50:00 | 2/19/2010 | Mercury | Total | = | 86 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 11:50:00 | 2/9/2010 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 11:50:00 | 2/9/2010 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/12/2010 | Chloride | n/a | = | 60 | mg/L | EPA 300.0 | 0.079 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/12/2010 | Fluoride | n/a | = | 0.22 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/10/2010 | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/12/2010 | Calcium | Total | = | 48 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/12/2010 | Magnesium | Total | = | 25 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/9/2010 | Alkalinity as CaCO3 | n/a | = | 100 | mg/L | SM 2320 B | 1.2 | 2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/16/2010 | BOD | n/a | = | 5.3 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/11/2010 | COD | n/a | = | 36 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/12/2010 | Hardness as CaCO3 | Total | = | 220 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/8/2010 | MBAS | n/a | < | 0.019 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | GB |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Phenolics | n/a | < | 0.0016 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/9/2010 | Specific Conductance | n/a | = | 580 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2010 7:23:00 P | Total Chlorine Residual | n/a | DNQ | 0.037 | mg/L | SM 4500-Cl G | 0.016 | 0.5 | WKL | BV,D |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/13/2010 | Total Dissolved Solids | n/a | = | 340 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Total Organic Carbon | n/a | = | 4.6 | mg/L | SM 5310 C | 0.13 | 1.2 | WKL | D |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/13/2010 | Total Suspended Solids | n/a | = | 920 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/8/2010 | Turbidity | n/a | = | 340 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/13/2010 | Volatile Suspended Solids | n/a | = | 100 | mg/L | EPA 160.4 | 3.1 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Aluminum | Dissolved | = | 16 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Aluminum | Total | = | 9000 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Antimony | Dissolved | = | 0.69 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Antimony | Total | = | 0.83 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | GB |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Arsenic | Dissolved | = | 2.1 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Arsenic | Total | = | 5.4 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Barium | Total | = | 110 | µg/L | EPA 200.8 | 0.024 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Beryllium | Total | = | 0.44 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Cadmium | Dissolved | = | 0.17 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Cadmium | Total | = | 1 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Chromium | Dissolved | = | 0.59 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Chromium | Total | = | 24 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/10/2010 | Chromium VI | n/a | DNQ | 0.26 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/19/2010 | Copper | Dissolved | = | 5.6 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Copper | Total | = | 30 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Iron | Dissolved | = | 45 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Iron | Total | = | 14000 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Lead | Dissolved | DNQ | 0.05 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Lead | Total | = | 9.3 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/16/2010 | Mercury | Dissolved | = | 52 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|---------------|---------------|-----------------------------|-----------|------|--------|-------|------------|-------|-----------------|----------------------|-----------|
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/16/2010 | Mercury | Total | = | 71 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Nickel | Dissolved | = | 2.5 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Nickel | Total | = | 24 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Selenium | Dissolved | = | 1.2 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Selenium | Total | = | 1.7 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Silver | Dissolved | DNQ | 0.04 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Silver | Total | DNQ | 0.09 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Thallium | Total | DNQ | 0.12 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Zinc | Dissolved | = | 8.7 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Zinc | Total | = | 79 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Ammonia as N | n/a | = | 0.15 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/8/2010 | Nitrate + Nitrite as N | n/a | = | 2.5 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/8/2010 | Nitrate as N | n/a | = | 2.5 | mg/L | EPA 353.2 | 0.022 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Phosphorus as P | Dissolved | = | 1.4 | mg/L | EPA 365.1 | 0.014 | 0.1 | WKL | D |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/18/2010 | Phosphorus as P | Total | = | 1.8 | mg/L | EPA 365.1 | 0.035 | 0.25 | WKL | D |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/12/2010 | TKN | n/a | = | 3.9 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | 2,4,6-Trichlorophenol | n/a | DNQ | 0.79 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | EUM |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | 2,4-Dichlorophenol | n/a | < | 0.51 | µg/L | EPA 8270Cm | 0.51 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | 3-/4-Methylphenol | n/a | DNQ | 0.37 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/16/2010 | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/16/2010 | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/16/2010 | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/16/2010 | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | Benidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/16/2010 | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/16/2010 | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|---------------|---------------|-----------------------------|----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/16/2010 | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Bis(2-ethylhexyl)phthalate | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 3 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/16/2010 | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/16/2010 | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | Di-n-butylphthalate | n/a | DNQ | 0.74 | µg/L | EPA 625 | 0.53 | 5 | WKL | EUM |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/16/2010 | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/16/2010 | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/16/2010 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/16/2010 | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/20/2010 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/16/2010 | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Phenol | n/a | < | 0.35 | µg/L | EPA 8270Cm | 0.35 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/16/2010 | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/23/2010 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/23/2010 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/23/2010 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/23/2010 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | IL |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | 2,4'-DDT | n/a | = | 0.012 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/23/2010 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | 4,4'-DDE | n/a | DNQ | 0.031 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | 4,4'-DDT | n/a | = | 0.024 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/23/2010 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|---------------|---------------|-----------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | alpha-Chlordane | n/a | < | 0.0013 | µg/L | EPA 608 | 0.0013 | 0.01 | WKL | EU |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Azinphos methyl | n/a | < | 0.0055 | µg/L | EPA 525.2 | 0.0055 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/23/2010 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | IL |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Bolstar | n/a | < | 0.0046 | µg/L | EPA 525.2 | 0.0046 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Chloropropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Chlorpyrifos | n/a | < | 0.0069 | µg/L | EPA 525.2 | 0.0069 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Coumaphos | n/a | < | 0.0051 | µg/L | EPA 525.2 | 0.0051 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/23/2010 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/23/2010 | DCPA (Dacthal) | n/a | = | 2.5 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | GB |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Demeton-O | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Demeton-S | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Diazinon | n/a | < | 0.0052 | µg/L | EPA 525.2 | 0.0052 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/23/2010 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/23/2010 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Dichlorvos | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Dimethoate | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/23/2010 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Disulfoton | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Ethoprop | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Ethyl parathion | n/a | < | 0.0054 | µg/L | EPA 525.2 | 0.0054 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Fensulfothion | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Fenthion | n/a | < | 0.0038 | µg/L | EPA 525.2 | 0.0038 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | gamma-Chlordane | n/a | < | 0.0014 | µg/L | EPA 608 | 0.0014 | 0.01 | WKL | EU |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/8/2010 | Glyphosate | n/a | = | 5.7 | µg/L | EPA 547 | 1.8 | 5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Malathion | n/a | = | 0.084 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | IL |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Merphos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.01 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|----------------|--------------------------------|----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Methyl parathion | n/a | < | 0.0063 | µg/L | EPA 525.2 | 0.0063 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Mevinphos | n/a | < | 0.0042 | µg/L | EPA 525.2 | 0.0042 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Naled | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/23/2010 | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Phorate | n/a | < | 0.003 | µg/L | EPA 525.2 | 0.003 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/23/2010 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Prometryn | n/a | = | 0.15 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Ronnel (Fenchlorphos) | n/a | < | 0.0041 | µg/L | EPA 525.2 | 0.0041 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0031 | µg/L | EPA 525.2 | 0.0031 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Tokuthion | n/a | < | 0.0078 | µg/L | EPA 525.2 | 0.0078 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/4/2010 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 3/3/2010 | Trichloronate | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| ME-CC | 2009/10-3 | Wet | 2010 12:55:00 | 2/17/2010 | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 7/2010 12:15:00 | 2010 11:15:00 | E. Coli | n/a | = | 74 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| ME-CC | 2009/10-4 | Dry | 7/2010 12:15:00 | 8/2010 3:45:00 | Enterococcus | n/a | = | 20 | MPN/100 mL | Enterolert | 10 | 10 | VCHCA | X |
| ME-CC | 2009/10-4 | Dry | 7/2010 12:15:00 | 1/2010 1:30:00 | Fecal Coliform | n/a | = | 30 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| ME-CC | 2009/10-4 | Dry | 7/2010 12:15:00 | 1/2010 1:30:00 | Total Coliform | n/a | = | 9804 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| ME-CC | 2009/10-4 | Dry | 7/2010 12:15:00 | 3/26/2010 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 7/2010 12:15:00 | 8/2010 4:00:00 | pH | n/a | = | 8 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | BV |
| ME-CC | 2009/10-4 | Dry | 7/2010 12:15:00 | 3/23/2010 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 7/2010 12:15:00 | 3/23/2010 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 7/2010 12:15:00 | 3/24/2010 | Mercury | Total | DNQ | 13 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 7/2010 12:15:00 | 3/19/2010 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 7/2010 12:15:00 | 3/19/2010 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 7/2010 11:20:00 | 3/23/2010 | Chloride | n/a | = | 220 | mg/L | EPA 300.0 | 0.79 | 5 | WKL | D |
| ME-CC | 2009/10-4 | Dry | 7/2010 11:20:00 | 3/23/2010 | Fluoride | n/a | = | 0.44 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 7/2010 11:20:00 | 3/31/2010 | Perchlorate | n/a | < | 1.6 | µg/L | EPA 314.0 | 1.6 | 4 | WKL | D |
| ME-CC | 2009/10-4 | Dry | 7/2010 11:20:00 | 3/26/2010 | Calcium | Total | = | 110 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 7/2010 11:20:00 | 3/26/2010 | Magnesium | Total | = | 60 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 7/2010 11:20:00 | 3/22/2010 | Alkalinity as CaCO3 | n/a | = | 280 | mg/L | SM 2320 B | 1.2 | 10 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 7/2010 11:20:00 | 3/24/2010 | BOD | n/a | DNQ | 1.3 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 7/2010 11:20:00 | 3/23/2010 | COD | n/a | = | 17 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 7/2010 11:20:00 | 3/26/2010 | Hardness as CaCO3 | Total | = | 510 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 7/2010 11:20:00 | 8/2010 5:53:00 | MBAS | n/a | < | 0.019 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 7/2010 11:20:00 | 3/31/2010 | Phenolics | n/a | = | 0.04 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 7/2010 11:20:00 | 3/22/2010 | Specific Conductance | n/a | = | 1800 | µmhos/cm | SM 2510 B | 0.47 | 4 | WKL | D |
| ME-CC | 2009/10-4 | Dry | 7/2010 11:20:00 | 8/2010 6:37:00 | Total Chlorine Residual | n/a | DNQ | 0.004 | mg/L | SM 4500-Cl G | 0.0016 | 0.05 | WKL | D,BV |
| ME-CC | 2009/10-4 | Dry | 7/2010 11:20:00 | 3/22/2010 | Total Dissolved Solids | n/a | = | 1100 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 7/2010 11:20:00 | 3/24/2010 | Total Organic Carbon | n/a | = | 4.7 | mg/L | SM 5310 C | 0.13 | 1.2 | WKL | D |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|---------------------------|-----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | Total Suspended Solids | n/a | = | 15 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/19/2010 | Turbidity | n/a | = | 11 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/23/2010 | Volatile Suspended Solids | n/a | < | 3.1 | mg/L | EPA 160.4 | 3.1 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Aluminum | Dissolved | DNQ | 2.2 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Aluminum | Total | = | 180 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | GB,IL |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Antimony | Dissolved | = | 0.69 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Antimony | Total | DNQ | 0.47 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Arsenic | Dissolved | = | 3.7 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Arsenic | Total | = | 3.7 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Barium | Total | = | 43 | µg/L | EPA 200.8 | 0.024 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Beryllium | Total | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Cadmium | Dissolved | = | 0.28 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Cadmium | Total | = | 0.3 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Chromium | Dissolved | = | 0.42 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Chromium | Total | = | 1.1 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/19/2010 | Chromium VI | n/a | = | 0.38 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Copper | Dissolved | = | 3.6 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Copper | Total | = | 4.6 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Iron | Dissolved | DNQ | 8.3 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Iron | Total | = | 300 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Lead | Dissolved | DNQ | 0.063 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Lead | Total | = | 0.41 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Mercury | Dissolved | DNQ | 41 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Mercury | Total | DNQ | 48 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Nickel | Dissolved | = | 6.6 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Nickel | Total | = | 7.2 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Selenium | Dissolved | = | 2 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Selenium | Total | = | 1.7 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Silver | Dissolved | DNQ | 0.019 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Silver | Total | DNQ | 0.01 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Thallium | Dissolved | DNQ | 0.023 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Zinc | Dissolved | = | 14 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Zinc | Total | = | 16 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 4/8/2010 | Ammonia as N | n/a | = | 0.13 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/19/2010 | Nitrate + Nitrite as N | n/a | = | 9.9 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/19/2010 | Nitrate as N | n/a | = | 9.8 | mg/L | EPA 353.2 | 0.022 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/29/2010 | Phosphorus as P | Dissolved | = | 1.7 | mg/L | EPA 365.1 | 0.014 | 0.1 | WKL | D |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/29/2010 | Phosphorus as P | Total | = | 1.8 | mg/L | EPA 365.1 | 0.014 | 0.1 | WKL | D |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | TKN | n/a | = | 0.42 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/24/2010 | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/24/2010 | 2,4,6-Trichlorophenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------------|----------|------|--------|-------|------------|-------|-----------------|----------------------|-----------|
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/24/2010 | 2,4-Dichlorophenol | n/a | < | 0.51 | µg/L | EPA 8270Cm | 0.51 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/24/2010 | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/24/2010 | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/24/2010 | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/24/2010 | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/24/2010 | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/24/2010 | 3-/4-Methylphenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/24/2010 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/24/2010 | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/24/2010 | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | Benidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Benzo(a)pyrene | n/a | = | 0.49 | µg/L | EPA 525.2 | 0.073 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Bis(2-ethylhexyl)adipate | n/a | DNQ | 0.61 | µg/L | EPA 525.2 | 0.23 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Bis(2-ethylhexyl)phthalate | n/a | = | 6.5 | µg/L | EPA 525.2 | 1.1 | 3 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | Butyl benzyl phthalate | n/a | DNQ | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | Di-n-butylphthalate | n/a | DNQ | 0.65 | µg/L | EPA 625 | 0.53 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|---------------------------|----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/22/2010 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/24/2010 | Phenol | n/a | < | 0.35 | µg/L | EPA 8270Cm | 0.35 | 1 | WKL | EUM |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/26/2010 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/26/2010 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/26/2010 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/26/2010 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/26/2010 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/26/2010 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | alpha-Chlordane | n/a | < | 0.0041 | µg/L | EPA 608 | 0.0041 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 4/12/2010 | Azinphos methyl | n/a | < | 0.0055 | µg/L | EPA 525.2 | 0.0055 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/26/2010 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 4/12/2010 | Bolstar | n/a | < | 0.0046 | µg/L | EPA 525.2 | 0.0046 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Chloropropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 4/12/2010 | Chlorpyrifos | n/a | < | 0.0069 | µg/L | EPA 525.2 | 0.0069 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 4/12/2010 | Coumaphos | n/a | < | 0.0051 | µg/L | EPA 525.2 | 0.0051 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/25/2010 | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/26/2010 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/26/2010 | DCPA (Dacthal) | n/a | = | 10 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/30/2010 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 4/12/2010 | Demeton-O | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 4/12/2010 | Demeton-S | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 4/12/2010 | Diazinon | n/a | < | 0.0052 | µg/L | EPA 525.2 | 0.0052 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 2/2010 11:20:00 | 3/26/2010 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|----------------|-------------------------------|----------|------|--------|------------|------------|--------|-----------------|----------------------|-----------|
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/26/2010 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 4/12/2010 | Dichlorvos | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/30/2010 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 4/12/2010 | Dimethoate | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/26/2010 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/25/2010 | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 4/12/2010 | Disulfoton | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/30/2010 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/30/2010 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/30/2010 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/30/2010 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/30/2010 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/25/2010 | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 4/12/2010 | Ethoprop | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 4/12/2010 | Ethyl parathion | n/a | < | 0.0054 | µg/L | EPA 525.2 | 0.0054 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 4/12/2010 | Fensulfothion | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 4/12/2010 | Fenthion | n/a | < | 0.0038 | µg/L | EPA 525.2 | 0.0038 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/30/2010 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/30/2010 | gamma-Chlordane | n/a | < | 0.0044 | µg/L | EPA 608 | 0.0044 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/22/2010 | Glyphosate | n/a | < | 1.8 | µg/L | EPA 547 | 1.8 | 5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/30/2010 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/30/2010 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 4/12/2010 | Malathion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 4/12/2010 | Merphos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/30/2010 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 4/12/2010 | Methyl parathion | n/a | < | 0.0063 | µg/L | EPA 525.2 | 0.0063 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/25/2010 | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/25/2010 | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 4/12/2010 | Mevinphos | n/a | < | 0.0042 | µg/L | EPA 525.2 | 0.0042 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/30/2010 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/25/2010 | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 4/12/2010 | Naled | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/26/2010 | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 4/12/2010 | Phorate | n/a | < | 0.003 | µg/L | EPA 525.2 | 0.003 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/26/2010 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/25/2010 | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/25/2010 | Prometryn | n/a | = | 20 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 4/12/2010 | Ronnel (Fenchlorphos) | n/a | < | 0.0041 | µg/L | EPA 525.2 | 0.0041 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/25/2010 | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 4/12/2010 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0031 | µg/L | EPA 525.2 | 0.0031 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/25/2010 | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/25/2010 | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 4/12/2010 | Tokuthion | n/a | < | 0.0078 | µg/L | EPA 525.2 | 0.0078 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/30/2010 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 4/12/2010 | Trichloronate | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| ME-CC | 2009/10-4 | Dry | 3/2010 11:20:00 | 3/25/2010 | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 3/2009 10:45:00 | 4/2009 8:10:00 | E. Coli | n/a | = | 3873 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| ME-SCR | 2009/10-1 | Wet | 3/2009 10:45:00 | 5/2009 2:20:00 | Enterococcus | n/a | = | 5040 | MPN/100 mL | Enterolert | 1000 | 1000 | VCHCA | D |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|----------------|--------------------------------|-----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| ME-SCR | 2009/10-1 | Wet | 3/2009 10:45:00 | 8/2009 1:22:00 | Fecal Coliform | n/a | = | 9000 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| ME-SCR | 2009/10-1 | Wet | 3/2009 10:45:00 | 8/2009 1:22:00 | Total Coliform | n/a | = | 198630 | MPN/100 mL | MMO-MUG | 1000 | 1000 | VCHCA | D |
| ME-SCR | 2009/10-1 | Wet | 3/2009 10:45:00 | 10/22/2009 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 3/2009 10:45:00 | 10/15/2009 | pH | n/a | = | 7.66 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 3/2009 10:45:00 | 10/16/2009 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 3/2009 10:45:00 | 10/21/2009 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 3/2009 10:45:00 | 10/22/2009 | Mercury | Total | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 3/2009 10:45:00 | 10/15/2009 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 3/2009 10:45:00 | 10/15/2009 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/17/2009 | Chloride | n/a | = | 62 | mg/L | EPA 300.0 | 0.079 | 0.5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/17/2009 | Fluoride | n/a | = | 0.52 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Perchlorate | n/a | < | 1.6 | µg/L | EPA 314.0 | 1.6 | 4 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/21/2009 | Calcium | Total | = | 140 | mg/L | EPA 200.7 | 0.031 | 0.2 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/21/2009 | Magnesium | Total | = | 56 | mg/L | EPA 200.7 | 0.024 | 0.2 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/19/2009 | Alkalinity as CaCO3 | n/a | = | 190 | mg/L | SM 2320 B | -88 | 2 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | BOD | n/a | = | 11 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/17/2009 | COD | n/a | = | 60 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/21/2009 | Hardness as CaCO3 | Total | = | 570 | mg/L | EPA 200.7 | 0.18 | 1.3 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/15/2009 | MBAS | n/a | < | 0.019 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/26/2009 | Phenolics | n/a | = | 0.035 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 11/11/2009 | Specific Conductance | n/a | = | 1200 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 4/2009 5:12:00 | Total Chlorine Residual | n/a | = | 1.5 | mg/L | SM 4500-Cl G | 0.016 | 0.5 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Total Dissolved Solids | n/a | = | 890 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Total Organic Carbon | n/a | = | 6.4 | mg/L | SM 5310 C | 0.13 | 1.2 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/19/2009 | Total Suspended Solids | n/a | = | 3700 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/15/2009 | Turbidity | n/a | = | 520 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/19/2009 | Volatile Suspended Solids | n/a | = | 360 | mg/L | EPA 160.4 | -88 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Aluminum | Dissolved | < | 0.19 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Aluminum | Total | = | 10000 | µg/L | EPA 200.8 | 0.95 | 25 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Antimony | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Antimony | Total | = | 0.65 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Arsenic | Dissolved | = | 0.84 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Arsenic | Total | = | 6 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Barium | Dissolved | = | 48 | µg/L | EPA 200.8 | 0.024 | 0.5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Barium | Total | = | 140 | µg/L | EPA 200.8 | 0.024 | 0.5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Beryllium | Total | = | 0.63 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Cadmium | Dissolved | = | 0.11 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Cadmium | Total | = | 0.6 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Chromium | Dissolved | < | 0.012 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Chromium | Total | = | 23 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/16/2009 | Chromium VI | n/a | < | 0.0059 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Copper | Dissolved | = | 1.3 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Copper | Total | = | 19 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Iron | Dissolved | < | 0.6 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Iron | Total | = | 21000 | µg/L | EPA 200.8 | 3 | 100 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Lead | Dissolved | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Lead | Total | = | 8.6 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------------|-----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/22/2009 | Mercury | Dissolved | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/22/2009 | Mercury | Total | = | 66 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Nickel | Dissolved | = | 4.1 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Nickel | Total | = | 28 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Selenium | Dissolved | = | 2.5 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Selenium | Total | = | 4.1 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Silver | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Silver | Total | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Thallium | Total | = | 0.26 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Zinc | Dissolved | < | 0.3 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Zinc | Total | = | 59 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/27/2009 | Ammonia as N | n/a | = | 0.34 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/15/2009 | Nitrate + Nitrite as N | n/a | = | 2.1 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/15/2009 | Nitrate as N | n/a | = | 2.1 | mg/L | EPA 353.2 | 0.022 | 0.1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Phosphorus as P | Dissolved | = | 0.055 | mg/L | EPA 365.1 | 0.0028 | 0.02 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Phosphorus as P | Total | = | 1.7 | mg/L | EPA 365.1 | 0.035 | 0.25 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/26/2009 | TKN | n/a | = | 2.4 | mg/L | EPA 351.2 | 0.15 | 0.2 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | 2,4,6-Trichlorophenol | n/a | < | 0.88 | µg/L | EPA 625 | 0.88 | 10 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | 2,4-Dichlorophenol | n/a | < | 0.77 | µg/L | EPA 625 | 0.77 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | 2,4-Dimethylphenol | n/a | < | 0.8 | µg/L | EPA 625 | 0.8 | 2 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | 2,4-Dinitrophenol | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | 2-Chlorophenol | n/a | < | 0.71 | µg/L | EPA 625 | 0.71 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | 2-Nitrophenol | n/a | < | 0.84 | µg/L | EPA 625 | 0.84 | 10 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | 4-Chloro-3-methylphenol | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | 4-Nitrophenol | n/a | < | 6.7 | µg/L | EPA 625 | 6.7 | 10 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Acenaphthene | n/a | < | 0.31 | µg/L | EPA 625 | 0.31 | 1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Acenaphthylene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Anthracene | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Benz(a)anthracene | n/a | < | 0.19 | µg/L | EPA 625 | 0.19 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Benzidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Benzo(a)pyrene | n/a | < | 0.085 | µg/L | EPA 525.2 | 0.085 | 0.12 | WKL | EUM,IL |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Benzo(b)fluoranthene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Benzo(g,h,i)perylene | n/a | < | 0.31 | µg/L | EPA 625 | 0.31 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Benzo(k)fluoranthene | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 10 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Bis(2-ethylhexyl)adipate | n/a | < | 0.27 | µg/L | EPA 525.2 | 0.27 | 5.8 | WKL | EUM,IL |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Bis(2-ethylhexyl)phthalate | n/a | < | 1.2 | µg/L | EPA 525.2 | 1.2 | 3.5 | WKL | EUM,IL |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Chrysene | n/a | < | 0.25 | µg/L | EPA 625 | 0.25 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Dibenz(a,h)anthracene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 10 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Di-n-butylphthalate | n/a | < | 0.53 | µg/L | EPA 625 | 0.53 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Fluoranthene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Fluorene | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | IL |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 10 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Naphthalene | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Phenanthrene | n/a | < | 0.25 | µg/L | EPA 625 | 0.25 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Phenol | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/24/2009 | Pyrene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/16/2009 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/16/2009 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/16/2009 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/16/2009 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/16/2009 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/16/2009 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Alachlor | n/a | < | 0.082 | µg/L | EPA 525.2 | 0.082 | 0.12 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | alpha-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Atrazine | n/a | < | 0.055 | µg/L | EPA 525.2 | 0.055 | 0.12 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Azinphos methyl | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.02 | WKL | D,EUM |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/16/2009 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | EU |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Bolstar | n/a | < | 0.0092 | µg/L | EPA 525.2 | 0.0092 | 0.02 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Bromacil | n/a | < | 1 | µg/L | EPA 525.2 | 1 | 1.2 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Butachlor | n/a | < | 0.12 | µg/L | EPA 525.2 | 0.12 | 0.23 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Captan | n/a | < | 1 | µg/L | EPA 525.2 | 1 | 1.2 | WKL | IL |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/16/2009 | Chloramben | n/a | < | 1 | µg/L | EPA 515.3 | -88 | 1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Chlorpropham | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.12 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Chlorpyrifos | n/a | = | 0.032 | µg/L | EPA 525.2 | 0.014 | 0.02 | WKL | D,EUM |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Coumaphos | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D,EUM |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Cyanazine | n/a | < | 0.023 | µg/L | EPA 525.2 | 0.023 | 0.12 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/16/2009 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/16/2009 | DCCA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Demeton-O | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Demeton-S | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Diazinon | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/16/2009 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/16/2009 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Dichlorvos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Dimethoate | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/16/2009 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Diphenamid | n/a | < | 0.023 | µg/L | EPA 525.2 | 0.023 | 0.12 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Disulfoton | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | EPTC | n/a | < | 0.27 | µg/L | EPA 525.2 | 0.27 | 1.2 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Ethoprop | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D,EUM |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Ethyl parathion | n/a | < | 0.0002 | µg/L | EPA 525.2 | 0.0002 | 0.02 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Fensulfothion | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Fenthion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.02 | WKL | D,EUM |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | gamma-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/16/2009 | Glyphosate | n/a | < | 1.8 | µg/L | EPA 547m | 1.8 | 5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Malathion | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D,EUM |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Merphos | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|--------------------------------|----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Methyl parathion | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Metolachlor | n/a | < | 0.065 | µg/L | EPA 525.2 | 0.065 | 0.12 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Metribuzin | n/a | < | 0.086 | µg/L | EPA 525.2 | 0.086 | 0.12 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Mevinphos | n/a | < | 0.0084 | µg/L | EPA 525.2 | 0.0084 | 0.02 | WKL | D,EUM |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Molinate | n/a | < | 0.059 | µg/L | EPA 525.2 | 0.059 | 0.12 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Naled | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/16/2009 | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Phorate | n/a | < | 0.006 | µg/L | EPA 525.2 | 0.006 | 0.02 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/16/2009 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Prometon | n/a | < | 0.19 | µg/L | EPA 525.2 | 0.19 | 0.23 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Prometryn | n/a | < | 0.086 | µg/L | EPA 525.2 | 0.086 | 0.12 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Ronnel (Fenchlorphos) | n/a | < | 0.0082 | µg/L | EPA 525.2 | 0.0082 | 0.02 | WKL | D,EUM |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Simazine | n/a | < | 0.097 | µg/L | EPA 525.2 | 0.097 | 0.12 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.02 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Terbacil | n/a | < | 0.64 | µg/L | EPA 525.2 | 0.64 | 2.3 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Thiobencarb | n/a | < | 0.13 | µg/L | EPA 525.2 | 0.13 | 0.23 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Tokuthion | n/a | < | 0.016 | µg/L | EPA 525.2 | 0.016 | 0.02 | WKL | D,EUM |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/23/2009 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/29/2009 | Trichloronate | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| ME-SCR | 2009/10-1 | Wet | 4/2009 11:45:00 | 10/20/2009 | Trithion | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.12 | WKL | EUM |
| ME-SCR | 2009/10-2 | Wet | 12/7/2009 | 12/8/2009 | E. Coli | n/a | = | 1553 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| ME-SCR | 2009/10-2 | Wet | 12/7/2009 | 12/8/2009 | Enterococcus | n/a | = | 1298 | MPN/100 mL | Enterolert | 10 | 10 | VCHCA | X |
| ME-SCR | 2009/10-2 | Wet | 12/7/2009 | 12/11/2009 | Fecal Coliform | n/a | = | 2200 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| ME-SCR | 2009/10-2 | Wet | 12/7/2009 | 12/8/2009 | Total Coliform | n/a | = | 72700 | MPN/100 mL | MMO-MUG | 100 | 100 | VCHCA | X |
| ME-SCR | 2009/10-2 | Wet | 7/2009 4:30:00 | 12/10/2009 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 7/2009 4:30:00 | 12/8/2009 | pH | n/a | = | 7.78 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 7/2009 4:30:00 | 12/22/2009 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 7/2009 4:30:00 | 12/22/2009 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 7/2009 4:30:00 | 12/18/2009 | Mercury | Total | DNQ | 15 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 7/2009 4:30:00 | 12/9/2009 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 7/2009 4:30:00 | 12/9/2009 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/11/2009 | Chloride | n/a | = | 66 | mg/L | EPA 300.0 | 0.079 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/11/2009 | Fluoride | n/a | = | 0.54 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Calcium | Total | = | 140 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Magnesium | Total | = | 55 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/10/2009 | Alkalinity as CaCO3 | n/a | = | 220 | mg/L | SM 2320 B | 1.2 | 2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/14/2009 | BOD | n/a | = | 9.3 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/10/2009 | COD | n/a | = | 28 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Hardness as CaCO3 | Total | = | 570 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/10/2009 | MBAS | n/a | < | 0.019 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/18/2009 | Phenolics | n/a | = | 0.054 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/9/2009 | Specific Conductance | n/a | = | 1600 | µmhos/cm | SM 2510 B | 0.47 | 4 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/12/2009 | Total Dissolved Solids | n/a | = | 1100 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/23/2009 | Total Organic Carbon | n/a | = | 4.1 | mg/L | SM 5310 C | 0.13 | 1.2 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/12/2009 | Total Suspended Solids | n/a | = | 450 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/9/2009 | Turbidity | n/a | = | 24 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/12/2009 | Volatile Suspended Solids | n/a | = | 54 | mg/L | EPA 160.4 | 3.1 | 5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|---------------|------------------------|-----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Aluminum | Dissolved | DNQ | 2.1 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Aluminum | Total | = | 6400 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Antimony | Dissolved | DNQ | 0.36 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Antimony | Total | DNQ | 0.4 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Arsenic | Dissolved | = | 0.91 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Arsenic | Total | = | 3.6 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Barium | Total | = | 110 | µg/L | EPA 200.8 | 0.024 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Beryllium | Total | = | 0.35 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Cadmium | Dissolved | = | 0.12 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Cadmium | Total | = | 0.49 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Chromium | Dissolved | DNQ | 0.17 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Chromium | Total | = | 13 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/10/2009 | Chromium VI | n/a | DNQ | 0.21 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Copper | Dissolved | = | 1.4 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Copper | Total | = | 15 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Iron | Dissolved | DNQ | 9.2 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Iron | Total | = | 13000 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Lead | Dissolved | DNQ | 0.021 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Lead | Total | = | 5 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/18/2009 | Mercury | Dissolved | DNQ | 4 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/18/2009 | Mercury | Total | DNQ | 23 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Nickel | Dissolved | = | 3.8 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Nickel | Total | = | 19 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Selenium | Dissolved | = | 3.5 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Selenium | Total | = | 6.2 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Silver | Dissolved | DNQ | 0.01 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Silver | Total | DNQ | 0.065 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Thallium | Total | = | 0.2 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Zinc | Dissolved | DNQ | 4.3 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/16/2009 | Zinc | Total | = | 44 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/11/2009 | Ammonia as N | n/a | = | 0.71 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/9/2009 | Nitrate + Nitrite as N | n/a | = | 2.7 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/22/2009 | Phosphorus as P | Dissolved | = | 0.68 | mg/L | EPA 365.1 | 0.07 | 0.5 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/22/2009 | Phosphorus as P | Total | = | 0.68 | mg/L | EPA 365.1 | 0.07 | 0.5 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | TKN | n/a | = | 1.8 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/22/2009 | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/22/2009 | 2,4,6-Trichlorophenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/22/2009 | 2,4-Dichlorophenol | n/a | DNQ | 0.56 | µg/L | EPA 8270Cm | 0.51 | 1 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/22/2009 | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/22/2009 | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|---------------|-----------------------------|----------|------|--------|-------|------------|-------|-----------------|----------------------|-----------|
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/22/2009 | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/22/2009 | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/22/2009 | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/22/2009 | 3-/4-Methylphenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/22/2009 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/22/2009 | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/22/2009 | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/18/2009 | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/18/2009 | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/18/2009 | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/18/2009 | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | Benidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/15/2009 | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/18/2009 | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/18/2009 | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/18/2009 | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/15/2009 | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/15/2009 | Bis(2-ethylhexyl)phthalate | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 3 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/18/2009 | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/18/2009 | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | Di-n-butylphthalate | n/a | < | 0.53 | µg/L | EPA 625 | 0.53 | 5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/18/2009 | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/18/2009 | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/18/2009 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/18/2009 | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 1/4/2010 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/18/2009 | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/22/2009 | Phenol | n/a | < | 0.35 | µg/L | EPA 8270Cm | 0.35 | 1 | WKL | EUM |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|---------------|--------------------------|----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/18/2009 | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/11/2009 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/11/2009 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/11/2009 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/11/2009 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/11/2009 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/11/2009 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/15/2009 | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | alpha-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/15/2009 | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Azinphos methyl | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/11/2009 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Bolstar | n/a | < | 0.0092 | µg/L | EPA 525.2 | 0.0092 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/15/2009 | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/15/2009 | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/15/2009 | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/11/2009 | Chloramben | n/a | < | 1 | µg/L | EPA 515.3 | 1 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/15/2009 | Chloroprotham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Chlorpyrifos | n/a | < | 0.014 | µg/L | EPA 525.2 | 0.014 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Coumaphos | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/15/2009 | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/11/2009 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/11/2009 | DCPA (Dacthal) | n/a | = | 0.84 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Demeton-O | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Demeton-S | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Diazinon | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/11/2009 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/11/2009 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Dichlorvos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|------------|------------|----------------|-----------------|-------------------------------|----------|------|--------|------------|------------|--------|-----------------|----------------------|-----------|
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Dimethoate | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/11/2009 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/15/2009 | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Disulfoton | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/15/2009 | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Ethoprop | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Ethyl parathion | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Fensulfathion | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Fenthion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | gamma-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/14/2009 | Glyphosate | n/a | < | 1.8 | µg/L | EPA 547 | 1.8 | 5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Malathion | n/a | = | 0.19 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D,IL |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Merphos | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Methyl parathion | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/15/2009 | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/15/2009 | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Mevinphos | n/a | < | 0.0084 | µg/L | EPA 525.2 | 0.0084 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/15/2009 | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Naled | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/11/2009 | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Phorate | n/a | < | 0.006 | µg/L | EPA 525.2 | 0.006 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/11/2009 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/15/2009 | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/15/2009 | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Ronnel (Fenchlorphos) | n/a | < | 0.0082 | µg/L | EPA 525.2 | 0.0082 | 0.02 | WKL | D,IL |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/15/2009 | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/15/2009 | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/15/2009 | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Tokuthion | n/a | < | 0.016 | µg/L | EPA 525.2 | 0.016 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/17/2009 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/27/2009 | Trichloronate | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| ME-SCR | 2009/10-2 | Wet | 8/2009 1:30:00 | 12/15/2009 | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3 | Wet | 5/2010 1:25:00 | 5/2010 11:00:00 | E. Coli | n/a | = | 857 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | D |
| ME-SCR | 2009/10-3 | Wet | 5/2010 1:25:00 | 5/2010 4:30:00 | Enterococcus | n/a | = | 1110 | MPN/100 mL | Enterolert | 100 | 100 | VCHCA | D |
| ME-SCR | 2009/10-3 | Wet | 5/2010 1:25:00 | 5/2010 2:52:00 | Fecal Coliform | n/a | = | 2400 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| ME-SCR | 2009/10-3 | Wet | 5/2010 1:25:00 | 5/2010 11:00:00 | Total Coliform | n/a | = | 86640 | MPN/100 mL | MMO-MUG | 100 | 100 | VCHCA | D |
| ME-SCR | 2009/10-3A | Wet | 0/2010 9:30:00 | 2/26/2010 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|------------|------------|-----------------|----------------|--------------------------------|-----------|------|--------|----------|--------------|--------|-----------------|----------------------|-----------|
| ME-SCR | 2009/10-3A | Wet | 0/2010 9:30:00 | 2/2010 6:45:00 | pH | n/a | = | 8.18 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | BV |
| ME-SCR | 2009/10-3A | Wet | 0/2010 9:30:00 | 3/3/2010 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 0/2010 9:30:00 | 3/3/2010 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 0/2010 9:30:00 | 3/2/2010 | Mercury | Total | DNQ | 48 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 0/2010 9:30:00 | 2/2010 8:37:00 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 0/2010 9:30:00 | 2/2010 8:37:00 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Chloride | n/a | = | 35 | mg/L | EPA 300.0 | 0.079 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Fluoride | n/a | = | 0.58 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Calcium | Total | = | 120 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Magnesium | Total | = | 39 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Alkalinity as CaCO3 | n/a | = | 210 | mg/L | SM 2320 B | 1.2 | 2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/1/2010 | BOD | n/a | = | 2.5 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | COD | n/a | < | 1.8 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Hardness as CaCO3 | Total | = | 460 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/24/2010 | MBAS | n/a | < | 0.019 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Phenolics | n/a | = | 0.054 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | GB |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Specific Conductance | n/a | = | 1000 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Total Dissolved Solids | n/a | = | 750 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Total Organic Carbon | n/a | = | 2.3 | mg/L | SM 5310 C | 0.13 | 1.2 | WKL | D |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/24/2010 | Total Suspended Solids | n/a | = | 230 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/23/2010 | Turbidity | n/a | = | 16 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/27/2010 | Volatile Suspended Solids | n/a | = | 20 | mg/L | EPA 160.4 | 3.1 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Aluminum | Dissolved | = | 5.7 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Aluminum | Total | = | 330 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Antimony | Dissolved | DNQ | 0.31 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Antimony | Total | DNQ | 0.29 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Arsenic | Dissolved | DNQ | 0.15 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Arsenic | Total | = | 0.6 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Barium | Total | = | 49 | µg/L | EPA 200.8 | 0.024 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Beryllium | Total | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Cadmium | Dissolved | DNQ | 0.063 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Cadmium | Total | DNQ | 0.079 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Chromium | Dissolved | DNQ | 0.16 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Chromium | Total | = | 0.78 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/24/2010 | Chromium VI | n/a | DNQ | 0.088 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Copper | Dissolved | DNQ | 0.28 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Copper | Total | = | 0.94 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Iron | Dissolved | DNQ | 7.4 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Iron | Total | = | 610 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Lead | Dissolved | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Lead | Total | = | 0.28 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Mercury | Dissolved | DNQ | 40 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Mercury | Total | DNQ | 43 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Nickel | Dissolved | < | 0.011 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Nickel | Total | DNQ | 0.15 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Selenium | Dissolved | = | 2.2 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|------------|------------|-----------------|---------------|-----------------------------|-----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Selenium | Total | = | 2.5 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Silver | Dissolved | DNQ | 0.016 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Silver | Total | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Zinc | Dissolved | DNQ | 2.2 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Zinc | Total | DNQ | 2.2 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/2/2010 | Ammonia as N | n/a | = | 0.22 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/23/2010 | Nitrate + Nitrite as N | n/a | = | 1 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Phosphorus as P | Dissolved | = | 0.089 | mg/L | EPA 365.1 | 0.0014 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Phosphorus as P | Total | = | 0.092 | mg/L | EPA 365.1 | 0.0014 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/5/2010 | TKN | n/a | = | 1 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 2,4,6-Trichlorophenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 2,4-Dichlorophenol | n/a | DNQ | 0.57 | µg/L | EPA 8270Cm | 0.51 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 2-Nitrophenol | n/a | DNQ | 0.72 | µg/L | EPA 8270Cm | 0.71 | 1 | WKL | EUM |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 3-/4-Methylphenol | n/a | DNQ | 0.36 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Benzidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|------------|------------|-----------------|---------------|----------------------------|----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Bis(2-ethylhexyl)phthalate | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 3 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Di-n-butylphthalate | n/a | DNQ | 0.81 | µg/L | EPA 625 | 0.53 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Phenol | n/a | < | 0.35 | µg/L | EPA 8270Cm | 0.35 | 1 | WKL | EUM |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/26/2010 | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | alpha-Chlordane | n/a | < | 0.0013 | µg/L | EPA 608 | 0.0013 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|------------|------------|-----------------|---------------|-----------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Azinphos methyl | n/a | < | 0.0055 | µg/L | EPA 525.2 | 0.0055 | 0.01 | WKL | IL |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Bolstar | n/a | < | 0.0046 | µg/L | EPA 525.2 | 0.0046 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Chlorpropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Chlorpyrifos | n/a | < | 0.0069 | µg/L | EPA 525.2 | 0.0069 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Coumaphos | n/a | < | 0.0051 | µg/L | EPA 525.2 | 0.0051 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | DCCA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Demeton-O | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Demeton-S | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Diazinon | n/a | < | 0.0052 | µg/L | EPA 525.2 | 0.0052 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Dichlorvos | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Dimethoate | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Disulfoton | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | IL |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Ethoprop | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Ethyl parathion | n/a | < | 0.0054 | µg/L | EPA 525.2 | 0.0054 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Fensulfothion | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Fenthion | n/a | < | 0.0038 | µg/L | EPA 525.2 | 0.0038 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | gamma-Chlordane | n/a | < | 0.0014 | µg/L | EPA 608 | 0.0014 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 2/25/2010 | Glyphosate | n/a | < | 1.8 | µg/L | EPA 547 | 1.8 | 5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Malathion | n/a | = | 0.026 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Merphos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Methyl parathion | n/a | < | 0.0063 | µg/L | EPA 525.2 | 0.0063 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Mevinphos | n/a | < | 0.0042 | µg/L | EPA 525.2 | 0.0042 | 0.01 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|------------|------------|-----------------|-----------------|--------------------------------|-----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Naled | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Phorate | n/a | < | 0.003 | µg/L | EPA 525.2 | 0.003 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | IL |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Ronnel (Fenchlorphos) | n/a | < | 0.0041 | µg/L | EPA 525.2 | 0.0041 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0031 | µg/L | EPA 525.2 | 0.0031 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Tokuthion | n/a | < | 0.0078 | µg/L | EPA 525.2 | 0.0078 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/4/2010 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/10/2010 | Trichloronate | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| ME-SCR | 2009/10-3A | Wet | 2/2010 10:05:00 | 3/3/2010 | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 7/2010 8:50:00 | 2/2010 11:15:00 | E. Coli | n/a | = | 62 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| ME-SCR | 2009/10-4 | Dry | 7/2010 8:50:00 | 8/2010 3:45:00 | Enterococcus | n/a | = | 20 | MPN/100 mL | Enterolert | 10 | 10 | VCHCA | X |
| ME-SCR | 2009/10-4 | Dry | 7/2010 8:50:00 | 1/2010 1:32:00 | Fecal Coliform | n/a | = | 23 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| ME-SCR | 2009/10-4 | Dry | 7/2010 8:50:00 | 1/2010 1:32:00 | Total Coliform | n/a | = | 2613 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| ME-SCR | 2009/10-4 | Dry | 7/2010 8:50:00 | 3/26/2010 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 7/2010 8:50:00 | 8/2010 4:00:00 | pH | n/a | = | 8.01 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | BV |
| ME-SCR | 2009/10-4 | Dry | 7/2010 8:50:00 | 3/23/2010 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 7/2010 8:50:00 | 3/23/2010 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 7/2010 8:50:00 | 3/24/2010 | Mercury | Total | DNQ | 15 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 7/2010 8:50:00 | 3/19/2010 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 7/2010 8:50:00 | 3/19/2010 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/23/2010 | Chloride | n/a | = | 40 | mg/L | EPA 300.0 | 0.079 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/23/2010 | Fluoride | n/a | = | 0.61 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/31/2010 | Perchlorate | n/a | < | 1.6 | µg/L | EPA 314.0 | 1.6 | 4 | WKL | D |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/26/2010 | Calcium | Total | = | 130 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/26/2010 | Magnesium | Total | = | 42 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | Alkalinity as CaCO3 | n/a | = | 220 | mg/L | SM 2320 B | 1.2 | 10 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/24/2010 | BOD | n/a | DNQ | 0.98 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/23/2010 | COD | n/a | = | 10 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/26/2010 | Hardness as CaCO3 | Total | = | 490 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 8/2010 5:53:00 | MBAS | n/a | < | 0.019 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/31/2010 | Phenolics | n/a | = | 0.037 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | Specific Conductance | n/a | = | 1100 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | Total Dissolved Solids | n/a | = | 820 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/24/2010 | Total Organic Carbon | n/a | = | 1.7 | mg/L | SM 5310 C | 0.032 | 0.3 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | Total Suspended Solids | n/a | = | 48 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/19/2010 | Turbidity | n/a | = | 15 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/23/2010 | Volatile Suspended Solids | n/a | DNQ | 4 | mg/L | EPA 160.4 | 3.1 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Aluminum | Dissolved | = | 5.6 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Aluminum | Total | = | 190 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Antimony | Dissolved | DNQ | 0.28 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|---------------|------------------------|-----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Antimony | Total | DNQ | 0.28 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Arsenic | Dissolved | = | 0.63 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Arsenic | Total | = | 0.75 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Barium | Total | = | 46 | µg/L | EPA 200.8 | 0.024 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Beryllium | Total | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Cadmium | Dissolved | DNQ | 0.06 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Cadmium | Total | DNQ | 0.081 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Chromium | Dissolved | DNQ | 0.052 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Chromium | Total | = | 0.39 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/19/2010 | Chromium VI | n/a | DNQ | 0.17 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Copper | Dissolved | = | 1.1 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Copper | Total | = | 1.8 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Iron | Dissolved | DNQ | 8.3 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Iron | Total | = | 410 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Lead | Dissolved | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Lead | Total | = | 0.26 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Mercury | Dissolved | DNQ | 46 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Mercury | Total | DNQ | 49 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Nickel | Dissolved | = | 2.3 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Nickel | Total | = | 2.6 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Selenium | Dissolved | = | 2.5 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Selenium | Total | = | 2.6 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Silver | Dissolved | DNQ | 0.0099 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Silver | Total | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Zinc | Dissolved | DNQ | 2 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Zinc | Total | DNQ | 2.1 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/8/2010 | Ammonia as N | n/a | = | 0.32 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/19/2010 | Nitrate + Nitrite as N | n/a | = | 1.1 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/29/2010 | Phosphorus as P | Dissolved | = | 0.093 | mg/L | EPA 365.1 | 0.0014 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/29/2010 | Phosphorus as P | Total | = | 0.11 | mg/L | EPA 365.1 | 0.0014 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | TKN | n/a | = | 0.32 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/24/2010 | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/24/2010 | 2,4,6-Trichlorophenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/24/2010 | 2,4-Dichlorophenol | n/a | < | 0.51 | µg/L | EPA 8270Cm | 0.51 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/24/2010 | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/24/2010 | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/24/2010 | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|---------------|-----------------------------|----------|------|--------|-------|------------|-------|-----------------|----------------------|-----------|
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/24/2010 | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/24/2010 | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/24/2010 | 3-/4-Methylphenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/24/2010 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/24/2010 | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/24/2010 | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | Benidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Benzo(a)pyrene | n/a | = | 1.1 | µg/L | EPA 525.2 | 0.073 | 0.1 | WKL | IL |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Bis(2-ethylhexyl)adipate | n/a | DNQ | 0.67 | µg/L | EPA 525.2 | 0.23 | 5 | WKL | IL |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Bis(2-ethylhexyl)phthalate | n/a | DNQ | 1.5 | µg/L | EPA 525.2 | 1.1 | 3 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | Di-n-butylphthalate | n/a | < | 0.53 | µg/L | EPA 625 | 0.53 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | Isochlorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/24/2010 | Phenol | n/a | < | 0.35 | µg/L | EPA 8270Cm | 0.35 | 1 | WKL | EUM |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|---------------|--------------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/26/2010 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/26/2010 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/26/2010 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/26/2010 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/26/2010 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/26/2010 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | alpha-Chlordane | n/a | < | 0.0041 | µg/L | EPA 608 | 0.0041 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Azinphos methyl | n/a | < | 0.0055 | µg/L | EPA 525.2 | 0.0055 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/26/2010 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Bolstar | n/a | < | 0.0046 | µg/L | EPA 525.2 | 0.0046 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Chloropropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Chlorpyrifos | n/a | < | 0.0069 | µg/L | EPA 525.2 | 0.0069 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Coumaphos | n/a | < | 0.0051 | µg/L | EPA 525.2 | 0.0051 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/26/2010 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/26/2010 | DCPA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Demeton-O | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Demeton-S | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Diazinon | n/a | < | 0.0052 | µg/L | EPA 525.2 | 0.0052 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/26/2010 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/26/2010 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Dichlorvos | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Dimethoate | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/26/2010 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Disulfoton | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|----------------|-------------------------------|----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Ethoprop | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Ethyl parathion | n/a | < | 0.0054 | µg/L | EPA 525.2 | 0.0054 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Fensulfothion | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Fenthion | n/a | < | 0.0038 | µg/L | EPA 525.2 | 0.0038 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | gamma-Chlordane | n/a | < | 0.0044 | µg/L | EPA 608 | 0.0044 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/22/2010 | Glyphosate | n/a | < | 1.8 | µg/L | EPA 547 | 1.8 | 5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Malathion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Merphos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Methyl parathion | n/a | < | 0.0063 | µg/L | EPA 525.2 | 0.0063 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Mevinphos | n/a | < | 0.0042 | µg/L | EPA 525.2 | 0.0042 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Naled | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/26/2010 | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Phorate | n/a | < | 0.003 | µg/L | EPA 525.2 | 0.003 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/26/2010 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Ronnel (Fenchlorphos) | n/a | < | 0.0041 | µg/L | EPA 525.2 | 0.0041 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0031 | µg/L | EPA 525.2 | 0.0031 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Tokuthion | n/a | < | 0.0078 | µg/L | EPA 525.2 | 0.0078 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/30/2010 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 4/12/2010 | Trichloronate | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| ME-SCR | 2009/10-4 | Dry | 8/2010 8:15:00 | 3/25/2010 | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 3/2009 9:50:00 | 4/2009 8:10:00 | E. Coli | n/a | = | 15531 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| ME-VR2 | 2009/10-1 | Wet | 3/2009 9:50:00 | 5/2009 2:20:00 | Enterococcus | n/a | = | 6590 | MPN/100 mL | Enterolert | 1000 | 1000 | VCHCA | D |
| ME-VR2 | 2009/10-1 | Wet | 3/2009 9:50:00 | 6/2009 1:35:00 | Fecal Coliform | n/a | = | 16000 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| ME-VR2 | 2009/10-1 | Wet | 3/2009 9:50:00 | 6/2009 1:35:00 | Total Coliform | n/a | = | 173290 | MPN/100 mL | MMO-MUG | 1000 | 1000 | VCHCA | D |
| ME-VR2 | 2009/10-1 | Wet | 3/2009 9:50:00 | 10/22/2009 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 3/2009 9:50:00 | 10/15/2009 | pH | n/a | = | 7.81 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 3/2009 9:50:00 | 10/16/2009 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 3/2009 9:50:00 | 10/21/2009 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 3/2009 9:50:00 | 10/22/2009 | Mercury | Total | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|----------------|--------------------------------|-----------|------|--------|----------|--------------|--------|-----------------|----------------------|-----------|
| ME-VR2 | 2009/10-1 | Wet | 3/2009 9:50:00 | 10/15/2009 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 3/2009 9:50:00 | 10/15/2009 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/17/2009 | Chloride | n/a | = | 60 | mg/L | EPA 300.0 | 0.079 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/17/2009 | Fluoride | n/a | = | 0.42 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/15/2009 | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/21/2009 | Calcium | Total | = | 120 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/21/2009 | Magnesium | Total | = | 32 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/19/2009 | Alkalinity as CaCO3 | n/a | = | 240 | mg/L | SM 2320 B | -88 | 2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | BOD | n/a | = | 4.4 | mg/L | SM 5210 B | 0.1 | 2 | WKL | J |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/17/2009 | COD | n/a | = | 26 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/21/2009 | Hardness as CaCO3 | Total | = | 420 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/15/2009 | MBAS | n/a | < | 0.019 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/26/2009 | Phenolics | n/a | = | 0.045 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 11/11/2009 | Specific Conductance | n/a | = | 970 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 4/2009 5:12:00 | Total Chlorine Residual | n/a | < | 0.0016 | mg/L | SM 4500-Cl G | 0.0016 | 0.05 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | Total Dissolved Solids | n/a | = | 680 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Total Organic Carbon | n/a | = | 5.9 | mg/L | SM 5310 C | 0.13 | 1.2 | WKL | D |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/19/2009 | Total Suspended Solids | n/a | = | 14 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/15/2009 | Turbidity | n/a | = | 5.8 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/19/2009 | Volatile Suspended Solids | n/a | = | 6 | mg/L | EPA 160.4 | -88 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Aluminum | Dissolved | < | 0.19 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Aluminum | Total | = | 250 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Antimony | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Antimony | Total | = | 1 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Arsenic | Dissolved | = | 0.88 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Arsenic | Total | = | 0.92 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Barium | Dissolved | = | 51 | µg/L | EPA 200.8 | 0.024 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Barium | Total | = | 59 | µg/L | EPA 200.8 | 0.024 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Beryllium | Total | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Cadmium | Dissolved | < | 0.013 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Cadmium | Total | < | 0.013 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Chromium | Dissolved | < | 0.012 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Chromium | Total | = | 1.1 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/16/2009 | Chromium VI | n/a | < | 0.0059 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Copper | Dissolved | = | 1.5 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Copper | Total | = | 2.5 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Iron | Dissolved | = | 26 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Iron | Total | = | 430 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Lead | Dissolved | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Lead | Total | = | 0.32 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/22/2009 | Mercury | Dissolved | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/22/2009 | Mercury | Total | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Nickel | Dissolved | = | 3.8 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Nickel | Total | = | 4.8 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Selenium | Dissolved | = | 1.1 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Selenium | Total | = | 1.2 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Silver | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|---------------|-----------------------------|-----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Silver | Total | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Zinc | Dissolved | DNQ | 5 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Zinc | Total | = | 9.1 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/27/2009 | Ammonia as N | n/a | < | 0.048 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/15/2009 | Nitrate + Nitrite as N | n/a | = | 0.86 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/15/2009 | Nitrate as N | n/a | = | 0.86 | mg/L | EPA 353.2 | 0.022 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Phosphorus as P | Dissolved | = | 0.079 | mg/L | EPA 365.1 | 0.0028 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Phosphorus as P | Total | = | 0.13 | mg/L | EPA 365.1 | 0.0028 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/26/2009 | TKN | n/a | = | 0.62 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | 2,4,6-Trichlorophenol | n/a | < | 0.88 | µg/L | EPA 625 | 0.88 | 10 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | 2,4-Dichlorophenol | n/a | < | 0.77 | µg/L | EPA 625 | 0.77 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | 2,4-Dimethylphenol | n/a | < | 0.8 | µg/L | EPA 625 | 0.8 | 2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | 2,4-Dinitrophenol | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | 2-Chlorophenol | n/a | < | 0.71 | µg/L | EPA 625 | 0.71 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | 2-Nitrophenol | n/a | < | 0.84 | µg/L | EPA 625 | 0.84 | 10 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | 4-Chloro-3-methylphenol | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | 4-Nitrophenol | n/a | < | 6.7 | µg/L | EPA 625 | 6.7 | 10 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Acenaphthene | n/a | < | 0.31 | µg/L | EPA 625 | 0.31 | 1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Acenaphthylene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Anthracene | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Benz(a)anthracene | n/a | < | 0.19 | µg/L | EPA 625 | 0.19 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Benzo(a)pyrene | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | WKL | EUM,IL |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Benzo(b)fluoranthene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Benzo(g,h,i)perylene | n/a | < | 0.31 | µg/L | EPA 625 | 0.31 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Benzo(k)fluoranthene | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 10 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | WKL | EUM,IL |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | Bis(2-ethylhexyl)phthalate | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 3 | WKL | EUM,IL |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Chrysene | n/a | < | 0.25 | µg/L | EPA 625 | 0.25 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Dibenz(a,h)anthracene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 10 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|---------------|---------------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Di-n-butylphthalate | n/a | < | 0.53 | µg/L | EPA 625 | 0.53 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Fluoranthene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Fluorene | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | IL |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 10 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Naphthalene | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Phenanthrene | n/a | < | 0.25 | µg/L | EPA 625 | 0.25 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Phenol | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/24/2009 | Pyrene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/16/2009 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/16/2009 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/16/2009 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/16/2009 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/16/2009 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/16/2009 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | alpha-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Azinphos methyl | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.011 | 0.02 | WKL | D,EUM |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/16/2009 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | EU |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Bolstar | n/a | < | 0.0092 | µg/L | EPA 525.2 | 0.0092 | 0.02 | WKL | D |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|---------------|-----------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | WKL | IL |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/16/2009 | Chloramben | n/a | < | 1 | µg/L | EPA 515.3 | -88 | 1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | Chloropropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Chlorpyrifos | n/a | < | 0.014 | µg/L | EPA 525.2 | 0.014 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Coumaphos | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D,EUM |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/16/2009 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/16/2009 | DCCA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Demeton-O | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Demeton-S | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Diazinon | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/16/2009 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/16/2009 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Dichlorvos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Dimethoate | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/16/2009 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Disulfoton | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Ethoprop | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D,EUM |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Ethyl parathion | n/a | < | 0.0002 | µg/L | EPA 525.2 | 0.0002 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Fensulfothion | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Fenthion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.02 | WKL | D,EUM |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | gamma-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/16/2009 | Glyphosate | n/a | < | 1.8 | µg/L | EPA 547m | 1.8 | 5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Malathion | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D,EUM |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Merphos | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Methyl parathion | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Mevinphos | n/a | < | 0.0084 | µg/L | EPA 525.2 | 0.0084 | 0.02 | WKL | D,EUM |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Naled | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|--------------------------------|-----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/16/2009 | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Phorate | n/a | < | 0.006 | µg/L | EPA 525.2 | 0.006 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/16/2009 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Ronnel (Fenchlorphos) | n/a | < | 0.0082 | µg/L | EPA 525.2 | 0.0082 | 0.02 | WKL | D,EUM |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Tokuthion | n/a | < | 0.016 | µg/L | EPA 525.2 | 0.016 | 0.02 | WKL | D,EUM |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/23/2009 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/29/2009 | Trichloronate | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-1 | Wet | 4/2009 1:00:00 | 10/20/2009 | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | EUM |
| ME-VR2 | 2009/10-2 | Wet | 12/7/2009 | 12/8/2009 | E. Coli | n/a | = | 4611 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| ME-VR2 | 2009/10-2 | Wet | 12/7/2009 | 12/8/2009 | Enterococcus | n/a | = | 1652 | MPN/100 mL | Enterolert | 10 | 10 | VCHCA | X |
| ME-VR2 | 2009/10-2 | Wet | 12/7/2009 | 12/11/2009 | Fecal Coliform | n/a | = | 3500 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| ME-VR2 | 2009/10-2 | Wet | 12/7/2009 | 12/8/2009 | Total Coliform | n/a | = | 120330 | MPN/100 mL | MMO-MUG | 100 | 100 | VCHCA | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 3:15:00 | 12/10/2009 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 3:15:00 | 12/8/2009 | pH | n/a | = | 7.65 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 3:15:00 | 12/22/2009 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 3:15:00 | 12/22/2009 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 3:15:00 | 12/18/2009 | Mercury | Total | DNQ | 9 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 3:15:00 | 12/9/2009 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 3:15:00 | 12/9/2009 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/11/2009 | Chloride | n/a | = | 55 | mg/L | EPA 300.0 | 0.079 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/11/2009 | Fluoride | n/a | = | 0.38 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/11/2009 | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/16/2009 | Calcium | Total | = | 110 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/16/2009 | Magnesium | Total | = | 32 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/10/2009 | Alkalinity as CaCO3 | n/a | = | 230 | mg/L | SM 2320 B | 1.2 | 2 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/14/2009 | BOD | n/a | = | 3 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/10/2009 | COD | n/a | = | 9.8 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/16/2009 | Hardness as CaCO3 | Total | = | 410 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/10/2009 | MBAS | n/a | DNQ | 0.02 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/18/2009 | Phenolics | n/a | = | 0.065 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/9/2009 | Specific Conductance | n/a | = | 1000 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/12/2009 | Total Dissolved Solids | n/a | = | 680 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/23/2009 | Total Organic Carbon | n/a | = | 3.2 | mg/L | SM 5310 C | 0.064 | 0.6 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/12/2009 | Total Suspended Solids | n/a | = | 12 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/9/2009 | Turbidity | n/a | = | 3.7 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/12/2009 | Volatile Suspended Solids | n/a | = | 6 | mg/L | EPA 160.4 | 3.1 | 5 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/16/2009 | Aluminum | Dissolved | DNQ | 1.9 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/16/2009 | Aluminum | Total | = | 150 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/16/2009 | Antimony | Dissolved | DNQ | 0.18 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/16/2009 | Antimony | Total | DNQ | 0.21 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/16/2009 | Arsenic | Dissolved | = | 0.51 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 7/2009 11:00:00 | 12/16/2009 | Arsenic | Total | = | 0.62 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|------------------------|-----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Beryllium | Total | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Cadmium | Dissolved | DNQ | 0.034 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Cadmium | Total | DNQ | 0.076 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Chromium | Dissolved | DNQ | 0.14 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Chromium | Total | = | 0.7 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/10/2009 | Chromium VI | n/a | DNQ | 0.15 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Copper | Dissolved | = | 0.9 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Copper | Total | = | 1.8 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Iron | Dissolved | DNQ | 13 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Iron | Total | = | 390 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Lead | Dissolved | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Lead | Total | = | 0.26 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/18/2009 | Mercury | Dissolved | DNQ | 6 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/18/2009 | Mercury | Total | DNQ | 5 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Nickel | Dissolved | = | 3.8 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Nickel | Total | = | 4.4 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Selenium | Dissolved | = | 1.2 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Selenium | Total | = | 1.3 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Silver | Dissolved | DNQ | 0.017 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Silver | Total | DNQ | 0.012 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Zinc | Dissolved | DNQ | 2.9 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/16/2009 | Zinc | Total | DNQ | 4 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/11/2009 | Ammonia as N | n/a | < | 0.048 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/9/2009 | Nitrate + Nitrite as N | n/a | = | 1.6 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/9/2009 | Nitrate as N | n/a | = | 1.6 | mg/L | EPA 353.2 | 0.022 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/22/2009 | Phosphorus as P | Dissolved | = | 0.072 | mg/L | EPA 365.1 | 0.0014 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/22/2009 | Phosphorus as P | Total | = | 0.086 | mg/L | EPA 365.1 | 0.0014 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/17/2009 | TKN | n/a | < | 0.074 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 1/5/2010 | 1,2,4-Trichlorobenzene | n/a | < | 0.52 | µg/L | EPA 625 | 0.52 | 10 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 1/5/2010 | 1,2-Dichlorobenzene | n/a | < | 0.6 | µg/L | EPA 625 | 0.6 | 4 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 1/5/2010 | 1,2-Diphenylhydrazine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 1/5/2010 | 1,3-Dichlorobenzene | n/a | < | 0.72 | µg/L | EPA 625 | 0.72 | 2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 1/5/2010 | 1,4-Dichlorobenzene | n/a | < | 0.64 | µg/L | EPA 625 | 0.64 | 2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/22/2009 | 2,4,5-Trichlorophenol | n/a | < | 0.58 | µg/L | EPA 8270Cm | 0.58 | 2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/22/2009 | 2,4,6-Trichlorophenol | n/a | < | 0.6 | µg/L | EPA 8270Cm | 0.6 | 2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/22/2009 | 2,4-Dichlorophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/22/2009 | 2,4-Dimethylphenol | n/a | < | 2 | µg/L | EPA 8270Cm | 2 | 4 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/22/2009 | 2,4-Dinitrophenol | n/a | < | 2 | µg/L | EPA 8270Cm | 2 | 4 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 1/5/2010 | 2,4-Dinitrotoluene | n/a | < | 0.8 | µg/L | EPA 625 | 0.8 | 10 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 1/5/2010 | 2,6-Dinitrotoluene | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 10 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 1/5/2010 | 2-Chloronaphthalene | n/a | < | 0.52 | µg/L | EPA 625 | 0.52 | 10 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/22/2009 | 2-Chlorophenol | n/a | < | 1.3 | µg/L | EPA 8270Cm | 1.3 | 2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/22/2009 | 2-Methylphenol | n/a | < | 0.68 | µg/L | EPA 8270Cm | 0.68 | 2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/22/2009 | 2-Nitrophenol | n/a | < | 1.4 | µg/L | EPA 8270Cm | 1.4 | 2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 1/5/2010 | 3,3'-Dichlorobenzidine | n/a | < | 0.6 | µg/L | EPA 625 | 0.6 | 10 | WKL | D |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------------|----------|------|--------|-------|------------|-------|-----------------|----------------------|-----------|
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/22/2009 | 3-/4-Methylphenol | n/a | < | 0.6 | µg/L | EPA 8270Cm | 0.6 | 2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/22/2009 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 1/5/2010 | 4-Bromophenyl phenyl ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 10 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/22/2009 | 4-Chloro-3-methylphenol | n/a | < | 0.74 | µg/L | EPA 8270Cm | 0.74 | 2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 1/5/2010 | 4-Chlorophenyl phenyl ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 10 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/22/2009 | 4-Nitrophenol | n/a | < | 2 | µg/L | EPA 8270Cm | 2 | 4 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/18/2009 | Acenaphthene | n/a | < | 0.24 | µg/L | EPA 8270Cm | 0.24 | 1 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/18/2009 | Acenaphthylene | n/a | < | 0.26 | µg/L | EPA 8270Cm | 0.26 | 1 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/18/2009 | Anthracene | n/a | < | 0.24 | µg/L | EPA 8270Cm | 0.24 | 1 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/18/2009 | Benz(a)anthracene | n/a | < | 0.56 | µg/L | EPA 8270Cm | 0.56 | 1 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 1/5/2010 | Benidine | n/a | < | 1.4 | µg/L | EPA 625 | 1.4 | 10 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/15/2009 | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/18/2009 | Benzo(b)fluoranthene | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/18/2009 | Benzo(g,h,i)perylene | n/a | < | 0.26 | µg/L | EPA 8270Cm | 0.26 | 1 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/18/2009 | Benzo(k)fluoranthene | n/a | < | 0.24 | µg/L | EPA 8270Cm | 0.24 | 1 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 1/5/2010 | Bis(2-chloroethoxy)methane | n/a | < | 0.8 | µg/L | EPA 625 | 0.8 | 10 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 1/5/2010 | Bis(2-chloroethyl)ether | n/a | < | 0.92 | µg/L | EPA 625 | 0.92 | 2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 1/5/2010 | Bis(2-chloroisopropyl)ether | n/a | < | 0.96 | µg/L | EPA 625 | 0.96 | 4 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/15/2009 | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/15/2009 | Bis(2-ethylhexyl)phthalate | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 3 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 1/5/2010 | Butyl benzyl phthalate | n/a | < | 2 | µg/L | EPA 625 | 2 | 10 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/18/2009 | Chrysene | n/a | < | 0.18 | µg/L | EPA 8270Cm | 0.18 | 1 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/18/2009 | Dibenz(a,h)anthracene | n/a | < | 0.26 | µg/L | EPA 8270Cm | 0.26 | 1 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 1/5/2010 | Diethyl phthalate | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 4 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 1/5/2010 | Dimethyl phthalate | n/a | < | 0.52 | µg/L | EPA 625 | 0.52 | 4 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 1/5/2010 | Di-n-butylphthalate | n/a | < | 1.1 | µg/L | EPA 625 | 1.1 | 10 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 1/5/2010 | Di-n-octylphthalate | n/a | < | 0.56 | µg/L | EPA 625 | 0.56 | 10 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/18/2009 | Fluoranthene | n/a | < | 0.4 | µg/L | EPA 8270Cm | 0.4 | 1 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/18/2009 | Fluorene | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 1/5/2010 | Hexachlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 1/5/2010 | Hexachlorobutadiene | n/a | < | 0.82 | µg/L | EPA 625 | 0.82 | 2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 1/5/2010 | Hexachlorocyclopentadiene | n/a | < | 10 | µg/L | EPA 625 | 10 | 20 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 1/5/2010 | Hexachloroethane | n/a | < | 0.72 | µg/L | EPA 625 | 0.72 | 2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/18/2009 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 1 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 1/5/2010 | Isophorone | n/a | < | 0.66 | µg/L | EPA 625 | 0.66 | 2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/18/2009 | Naphthalene | n/a | < | 0.22 | µg/L | EPA 8270Cm | 0.22 | 1 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 1/5/2010 | Nitrobenzene | n/a | < | 0.74 | µg/L | EPA 625 | 0.74 | 2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 1/5/2010 | N-Nitrosodimethylamine | n/a | < | 0.72 | µg/L | EPA 625 | 0.72 | 10 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 1/5/2010 | N-Nitrosodi-N-propylamine | n/a | < | 0.82 | µg/L | EPA 625 | 0.82 | 10 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 1/5/2010 | N-Nitrosodiphenylamine | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 2 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/18/2009 | Phenanthrene | n/a | < | 0.22 | µg/L | EPA 8270Cm | 0.22 | 1 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/22/2009 | Phenol | n/a | < | 0.7 | µg/L | EPA 8270Cm | 0.7 | 2 | WKL | D,EUM |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/18/2009 | Pyrene | n/a | < | 0.42 | µg/L | EPA 8270Cm | 0.42 | 1 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/17/2009 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/17/2009 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/17/2009 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/17/2009 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/17/2009 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|--------------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/17/2009 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/17/2009 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/11/2009 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/11/2009 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/11/2009 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/11/2009 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/17/2009 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/17/2009 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/17/2009 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/11/2009 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/17/2009 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/17/2009 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/17/2009 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/11/2009 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/15/2009 | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/17/2009 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/17/2009 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/17/2009 | alpha-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/15/2009 | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/27/2009 | Azinphos methyl | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/11/2009 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/17/2009 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/27/2009 | Bolstar | n/a | < | 0.0092 | µg/L | EPA 525.2 | 0.0092 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/15/2009 | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/15/2009 | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/15/2009 | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/11/2009 | Chloramben | n/a | < | 1 | µg/L | EPA 515.3 | 1 | 1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/17/2009 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/15/2009 | Chlorpropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/27/2009 | Chlorpyrifos | n/a | < | 0.014 | µg/L | EPA 525.2 | 0.014 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/27/2009 | Coumaphos | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/15/2009 | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/11/2009 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/11/2009 | DCCA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/17/2009 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/27/2009 | Demeton-O | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/27/2009 | Demeton-S | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/27/2009 | Diazinon | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/11/2009 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/11/2009 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/27/2009 | Dichlorvos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/17/2009 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/27/2009 | Dimethoate | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/11/2009 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/15/2009 | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/27/2009 | Disulfoton | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/17/2009 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 1/2009 11:00:00 | 12/17/2009 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|------------------|--------------------------------|----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/17/2009 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/17/2009 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/17/2009 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/15/2009 | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/27/2009 | Ethoprop | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/27/2009 | Ethyl parathion | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/27/2009 | Fensulfothion | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/27/2009 | Fenthion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/17/2009 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/17/2009 | gamma-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/14/2009 | Glyphosate | n/a | < | 1.8 | µg/L | EPA 547 | 1.8 | 5 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/17/2009 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/17/2009 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/27/2009 | Malathion | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D,IL |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/27/2009 | Merphos | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/17/2009 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/27/2009 | Methyl parathion | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/15/2009 | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/15/2009 | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/27/2009 | Mevinphos | n/a | < | 0.0084 | µg/L | EPA 525.2 | 0.0084 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/17/2009 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/15/2009 | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/27/2009 | Naled | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/11/2009 | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/27/2009 | Phorate | n/a | < | 0.006 | µg/L | EPA 525.2 | 0.006 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/11/2009 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/15/2009 | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/15/2009 | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/27/2009 | Ronnel (Fenchlorphos) | n/a | < | 0.0082 | µg/L | EPA 525.2 | 0.0082 | 0.02 | WKL | D,IL |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/15/2009 | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/27/2009 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/15/2009 | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/15/2009 | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/27/2009 | Tokuthion | n/a | < | 0.016 | µg/L | EPA 525.2 | 0.016 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/17/2009 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/27/2009 | Trichloronate | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-2 | Wet | 2/2009 11:00:00 | 12/15/2009 | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 11:45:00 | 2/2010 9:20:00 A | E. Coli | n/a | = | 857 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | D |
| ME-VR2 | 2009/10-3 | Wet | 2010 11:45:00 | 2/2010 3:00:00 P | Enterococcus | n/a | = | 697 | MPN/100 mL | Enterolert | 10 | 10 | VCHCA | D |
| ME-VR2 | 2009/10-3 | Wet | 2010 11:45:00 | 2/2010 2:30:00 P | Fecal Coliform | n/a | = | 500 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 11:45:00 | 2/2010 9:20:00 A | Total Coliform | n/a | = | 3076 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | D |
| ME-VR2 | 2009/10-3 | Wet | 2010 11:45:00 | 2/17/2010 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 11:45:00 | 2/2010 5:00:00 P | pH | n/a | = | 7.89 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | BV |
| ME-VR2 | 2009/10-3 | Wet | 2010 11:45:00 | 2/17/2010 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 11:45:00 | 2/17/2010 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 11:45:00 | 2/19/2010 | Mercury | Total | DNQ | 35 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 11:45:00 | 2/9/2010 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 11:45:00 | 2/9/2010 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|---------------|---------------|---------------------------|-----------|------|--------|----------|-----------|--------|-----------------|----------------------|-----------|
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Chloride | n/a | = | 42 | mg/L | EPA 300.0 | 0.079 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Fluoride | n/a | = | 0.31 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/10/2010 | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/12/2010 | Calcium | Total | = | 97 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/12/2010 | Magnesium | Total | = | 30 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/9/2010 | Alkalinity as CaCO3 | n/a | = | 190 | mg/L | SM 2320 B | 1.2 | 2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/16/2010 | BOD | n/a | = | 2.2 | mg/L | SM 5210 B | 0.1 | 2 | WKL | J |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/11/2010 | COD | n/a | = | 10 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/12/2010 | Hardness as CaCO3 | Total | = | 360 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/8/2010 | MBAS | n/a | < | 0.019 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/19/2010 | Phenolics | n/a | = | 0.031 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | GB |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/9/2010 | Specific Conductance | n/a | = | 820 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/13/2010 | Total Dissolved Solids | n/a | = | 530 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Total Organic Carbon | n/a | = | 3.8 | mg/L | SM 5310 C | 0.064 | 0.6 | WKL | D |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/13/2010 | Total Suspended Solids | n/a | = | 190 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/8/2010 | Turbidity | n/a | = | 150 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/13/2010 | Volatile Suspended Solids | n/a | = | 22 | mg/L | EPA 160.4 | 3.1 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Aluminum | Dissolved | = | 13 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Aluminum | Total | = | 4500 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | GB |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Antimony | Dissolved | DNQ | 0.19 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Antimony | Total | DNQ | 0.3 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Arsenic | Dissolved | = | 0.77 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Arsenic | Total | = | 2.2 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Beryllium | Total | = | 0.2 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Cadmium | Dissolved | DNQ | 0.03 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Cadmium | Total | = | 0.36 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Chromium | Dissolved | = | 0.27 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Chromium | Total | = | 13 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/10/2010 | Chromium VI | n/a | DNQ | 0.13 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/19/2010 | Copper | Dissolved | = | 3.3 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Copper | Total | = | 13 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Iron | Dissolved | = | 24 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Iron | Total | = | 7000 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Lead | Dissolved | DNQ | 0.03 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Lead | Total | = | 3.1 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/16/2010 | Mercury | Dissolved | DNQ | 26 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/16/2010 | Mercury | Total | DNQ | 27 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Nickel | Dissolved | = | 2 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Nickel | Total | = | 22 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Selenium | Dissolved | = | 2 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Selenium | Total | = | 2.1 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Silver | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Silver | Total | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Zinc | Dissolved | DNQ | 2.9 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Zinc | Total | = | 27 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|---------------|---------------|-----------------------------|-----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Ammonia as N | n/a | DNQ | 0.054 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/8/2010 | Nitrate + Nitrite as N | n/a | = | 1.6 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/8/2010 | Nitrate as N | n/a | = | 1.6 | mg/L | EPA 353.2 | 0.022 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Phosphorus as P | Dissolved | = | 0.26 | mg/L | EPA 365.1 | 0.0028 | 0.02 | WKL | D |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/18/2010 | Phosphorus as P | Total | = | 0.4 | mg/L | EPA 365.1 | 0.007 | 0.05 | WKL | D |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/12/2010 | TKN | n/a | = | 1.1 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | 2,4,6-Trichlorophenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | 2,4-Dichlorophenol | n/a | < | 0.51 | µg/L | EPA 8270Cm | 0.51 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | 3-/4-Methylphenol | n/a | DNQ | 0.37 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/16/2010 | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/16/2010 | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/16/2010 | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/16/2010 | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | Benizidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/16/2010 | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/16/2010 | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/16/2010 | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Bis(2-ethylhexyl)phthalate | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 3 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/16/2010 | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/16/2010 | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|---------------|---------------|---------------------------|----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | Di-n-butylphthalate | n/a | DNQ | 0.65 | µg/L | EPA 625 | 0.53 | 5 | WKL | EUM |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/16/2010 | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/16/2010 | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/16/2010 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/16/2010 | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/20/2010 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/16/2010 | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Phenol | n/a | < | 0.35 | µg/L | EPA 8270Cm | 0.35 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/16/2010 | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/23/2010 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/23/2010 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/23/2010 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/23/2010 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/23/2010 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/23/2010 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | alpha-Chlordane | n/a | < | 0.0013 | µg/L | EPA 608 | 0.0013 | 0.01 | WKL | EUM |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Azinphos methyl | n/a | < | 0.0055 | µg/L | EPA 525.2 | 0.0055 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/23/2010 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Bolstar | n/a | < | 0.0046 | µg/L | EPA 525.2 | 0.0046 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|---------------|---------------|-----------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Chlorpropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Chlorpyrifos | n/a | < | 0.0069 | µg/L | EPA 525.2 | 0.0069 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Coumaphos | n/a | < | 0.0051 | µg/L | EPA 525.2 | 0.0051 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/23/2010 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/23/2010 | DCPA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Demeton-O | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Demeton-S | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Diazinon | n/a | < | 0.0052 | µg/L | EPA 525.2 | 0.0052 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/23/2010 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/23/2010 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Dichlorvos | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Dimethoate | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/23/2010 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Disulfoton | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Ethoprop | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Ethyl parathion | n/a | < | 0.0054 | µg/L | EPA 525.2 | 0.0054 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Fensulfthion | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Fenthion | n/a | < | 0.0038 | µg/L | EPA 525.2 | 0.0038 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | gamma-Chlordane | n/a | < | 0.0014 | µg/L | EPA 608 | 0.0014 | 0.01 | WKL | EUM |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/8/2010 | Glyphosate | n/a | < | 1.8 | µg/L | EPA 547 | 1.8 | 5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Malathion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | IL |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Merphos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Methyl parathion | n/a | < | 0.0063 | µg/L | EPA 525.2 | 0.0063 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Mevinphos | n/a | < | 0.0042 | µg/L | EPA 525.2 | 0.0042 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Naled | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/23/2010 | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Phorate | n/a | < | 0.003 | µg/L | EPA 525.2 | 0.003 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/23/2010 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|---------------|---------------|--------------------------------|-----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Ronnel (Fenchlorphos) | n/a | < | 0.0041 | µg/L | EPA 525.2 | 0.0041 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0031 | µg/L | EPA 525.2 | 0.0031 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Tokuthion | n/a | < | 0.0078 | µg/L | EPA 525.2 | 0.0078 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/4/2010 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 3/3/2010 | Trichloronate | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-3 | Wet | 2010 10:55:00 | 2/17/2010 | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:40:00 | 2010 11:15:00 | E. Coli | n/a | = | 52 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:40:00 | 2010 3:49:00 | Enterococcus | n/a | = | 10 | MPN/100 mL | Enterolert | 10 | 10 | VCHCA | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:40:00 | 2010 1:35:00 | Fecal Coliform | n/a | = | 30 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:40:00 | 2010 1:35:00 | Total Coliform | n/a | = | 1112 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:40:00 | 3/26/2010 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | GB |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:40:00 | 2010 4:00:00 | pH | n/a | = | 8.05 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | BV |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:40:00 | 3/23/2010 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:40:00 | 3/23/2010 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:40:00 | 3/24/2010 | Mercury | Total | DNQ | 18 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:40:00 | 3/19/2010 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:40:00 | 3/19/2010 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/23/2010 | Chloride | n/a | = | 39 | mg/L | EPA 300.0 | 0.079 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/23/2010 | Fluoride | n/a | = | 0.44 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/31/2010 | Perchlorate | n/a | < | 1.6 | µg/L | EPA 314.0 | 1.6 | 4 | WKL | D |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/26/2010 | Calcium | Total | = | 110 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/26/2010 | Magnesium | Total | = | 31 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/22/2010 | Alkalinity as CaCO3 | n/a | = | 220 | mg/L | SM 2320 B | 1.2 | 10 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/24/2010 | BOD | n/a | DNQ | 0.68 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/23/2010 | COD | n/a | = | 9.9 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/26/2010 | Hardness as CaCO3 | Total | = | 410 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 2010 5:53:00 | MBAS | n/a | < | 0.019 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/31/2010 | Phenolics | n/a | = | 0.045 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/22/2010 | Specific Conductance | n/a | = | 900 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/22/2010 | Total Dissolved Solids | n/a | = | 670 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/24/2010 | Total Organic Carbon | n/a | = | 1.5 | mg/L | SM 5310 C | 0.032 | 0.3 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/22/2010 | Total Suspended Solids | n/a | < | 5 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/19/2010 | Turbidity | n/a | = | 1.7 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/23/2010 | Volatile Suspended Solids | n/a | < | 3.1 | mg/L | EPA 160.4 | 3.1 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/30/2010 | Aluminum | Dissolved | DNQ | 1.8 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/30/2010 | Aluminum | Total | = | 31 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/30/2010 | Antimony | Dissolved | DNQ | 0.12 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/30/2010 | Antimony | Total | DNQ | 0.11 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/30/2010 | Arsenic | Dissolved | DNQ | 0.28 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/30/2010 | Arsenic | Total | DNQ | 0.31 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/30/2010 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/30/2010 | Beryllium | Total | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2010 10:20:00 | 3/30/2010 | Cadmium | Dissolved | DNQ | 0.021 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|----------------------------|-----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Cadmium | Total | DNQ | 0.03 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Chromium | Dissolved | DNQ | 0.11 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Chromium | Total | DNQ | 0.19 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/19/2010 | Chromium VI | n/a | DNQ | 0.26 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Copper | Dissolved | = | 0.57 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Copper | Total | = | 0.86 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Iron | Dissolved | DNQ | 10 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Iron | Total | = | 68 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Lead | Dissolved | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Lead | Total | DNQ | 0.058 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Mercury | Dissolved | DNQ | 45 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Mercury | Total | DNQ | 49 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Nickel | Dissolved | = | 1.8 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Nickel | Total | = | 1.9 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Selenium | Dissolved | = | 1.7 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Selenium | Total | = | 1.7 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Silver | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Silver | Total | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Zinc | Dissolved | DNQ | 1.9 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Zinc | Total | DNQ | 0.91 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/26/2010 | Ammonia as N | n/a | DNQ | 0.059 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | EUM |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/19/2010 | Nitrate + Nitrite as N | n/a | = | 0.97 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/19/2010 | Nitrate as N | n/a | = | 0.97 | mg/L | EPA 353.2 | 0.022 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/29/2010 | Phosphorus as P | Dissolved | = | 0.012 | mg/L | EPA 365.1 | 0.0014 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/29/2010 | Phosphorus as P | Total | = | 0.02 | mg/L | EPA 365.1 | 0.0014 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | TKN | n/a | = | 0.25 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/22/2010 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/22/2010 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/22/2010 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/22/2010 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/22/2010 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/24/2010 | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/24/2010 | 2,4,6-Trichlorophenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/24/2010 | 2,4-Dichlorophenol | n/a | < | 0.51 | µg/L | EPA 8270Cm | 0.51 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/24/2010 | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/24/2010 | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/22/2010 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/22/2010 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/22/2010 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/24/2010 | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/24/2010 | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/24/2010 | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/22/2010 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/24/2010 | 3-/4-Methylphenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/24/2010 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/22/2010 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------------|----------|------|--------|-------|------------|-------|-----------------|----------------------|-----------|
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/24/2010 | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/22/2010 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/24/2010 | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/25/2010 | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/25/2010 | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/25/2010 | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/25/2010 | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/22/2010 | Benzidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/25/2010 | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/25/2010 | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/25/2010 | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/25/2010 | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/22/2010 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/22/2010 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/22/2010 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/25/2010 | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/25/2010 | Bis(2-ethylhexyl)phthalate | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 3 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/22/2010 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/25/2010 | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/25/2010 | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/22/2010 | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/22/2010 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/22/2010 | Di-n-butylphthalate | n/a | < | 0.53 | µg/L | EPA 625 | 0.53 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/22/2010 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/25/2010 | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/25/2010 | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/22/2010 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/22/2010 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/22/2010 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/22/2010 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/25/2010 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/22/2010 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/25/2010 | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/22/2010 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/22/2010 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/22/2010 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/22/2010 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/25/2010 | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/24/2010 | Phenol | n/a | < | 0.35 | µg/L | EPA 8270Cm | 0.35 | 1 | WKL | EUM |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/25/2010 | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/30/2010 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/30/2010 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/30/2010 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/30/2010 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/30/2010 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/30/2010 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/30/2010 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 1/2010 10:20:00 | 3/26/2010 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|--------------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/26/2010 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/26/2010 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/26/2010 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/26/2010 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/26/2010 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/25/2010 | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | alpha-Chlordane | n/a | < | 0.0041 | µg/L | EPA 608 | 0.0041 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/25/2010 | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 4/12/2010 | Azinphos methyl | n/a | < | 0.0055 | µg/L | EPA 525.2 | 0.0055 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/26/2010 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 4/12/2010 | Bolstar | n/a | < | 0.0046 | µg/L | EPA 525.2 | 0.0046 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/25/2010 | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/25/2010 | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/25/2010 | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/25/2010 | Chlorpropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 4/12/2010 | Chlorpyrifos | n/a | < | 0.0069 | µg/L | EPA 525.2 | 0.0069 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 4/12/2010 | Coumaphos | n/a | < | 0.0051 | µg/L | EPA 525.2 | 0.0051 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/25/2010 | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/26/2010 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/26/2010 | DCCA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 4/12/2010 | Demeton-O | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 4/12/2010 | Demeton-S | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 4/12/2010 | Diazinon | n/a | < | 0.0052 | µg/L | EPA 525.2 | 0.0052 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/26/2010 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/26/2010 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 4/12/2010 | Dichlorvos | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 4/12/2010 | Dimethoate | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/26/2010 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/25/2010 | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 4/12/2010 | Disulfoton | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/30/2010 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 2/2010 10:20:00 | 3/25/2010 | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|----------------|--------------------------------|----------|------|---------|------------|--------------|--------|-----------------|----------------------|-----------|
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 4/12/2010 | Ethoprop | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 4/12/2010 | Ethyl parathion | n/a | < | 0.0054 | µg/L | EPA 525.2 | 0.0054 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 4/12/2010 | Fensulfothion | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 4/12/2010 | Fenthion | n/a | < | 0.0038 | µg/L | EPA 525.2 | 0.0038 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 3/30/2010 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 3/30/2010 | gamma-Chlordane | n/a | < | 0.0044 | µg/L | EPA 608 | 0.0044 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 3/22/2010 | Glyphosate | n/a | < | 1.8 | µg/L | EPA 547 | 1.8 | 5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 3/30/2010 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 3/30/2010 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 4/12/2010 | Malathion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 4/12/2010 | Merphos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 3/30/2010 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 4/12/2010 | Methyl parathion | n/a | < | 0.0063 | µg/L | EPA 525.2 | 0.0063 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 3/25/2010 | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 3/25/2010 | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 4/12/2010 | Mevinphos | n/a | < | 0.0042 | µg/L | EPA 525.2 | 0.0042 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 3/30/2010 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 3/25/2010 | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 4/12/2010 | Naled | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 3/26/2010 | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 4/12/2010 | Phorate | n/a | < | 0.003 | µg/L | EPA 525.2 | 0.003 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 3/26/2010 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 3/25/2010 | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 3/25/2010 | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 4/12/2010 | Ronnel (Fenchlorphos) | n/a | < | 0.0041 | µg/L | EPA 525.2 | 0.0041 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 3/25/2010 | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 4/12/2010 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0031 | µg/L | EPA 525.2 | 0.0031 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 3/25/2010 | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 3/25/2010 | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 4/12/2010 | Tokuthion | n/a | < | 0.0078 | µg/L | EPA 525.2 | 0.0078 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 3/30/2010 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 4/12/2010 | Trichloronate | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| ME-VR2 | 2009/10-4 | Dry | 3/2010 10:20:00 | 3/25/2010 | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 3/2009 6:30:00 | 4/2009 8:10:00 | E. Coli | n/a | = | 34480 | MPN/100 mL | MMO-MUG | 1000 | 1000 | VCHCA | D |
| MO-CAM | 2009/10-1 | Wet | 3/2009 6:30:00 | 5/2009 2:20:00 | Enterococcus | n/a | = | 36400 | MPN/100 mL | Enterolert | 10000 | 10000 | VCHCA | D |
| MO-CAM | 2009/10-1 | Wet | 3/2009 6:30:00 | 6/2009 1:48:00 | Fecal Coliform | n/a | = | 22000 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| MO-CAM | 2009/10-1 | Wet | 3/2009 6:30:00 | 6/2009 1:48:00 | Total Coliform | n/a | = | 1553100 | MPN/100 mL | MMO-MUG | 10000 | 10000 | VCHCA | D |
| MO-CAM | 2009/10-1 | Wet | 3/2009 6:30:00 | 10/22/2009 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 3/2009 6:30:00 | 10/15/2009 | pH | n/a | = | 7.73 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 3/2009 6:30:00 | 10/16/2009 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 3/2009 6:30:00 | 10/21/2009 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 3/2009 6:30:00 | 10/22/2009 | Mercury | Total | = | 77 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 3/2009 6:30:00 | 10/15/2009 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 3/2009 6:30:00 | 10/15/2009 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/17/2009 | Chloride | n/a | = | 14 | mg/L | EPA 300.0 | 0.079 | 0.5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/17/2009 | Fluoride | n/a | = | 0.11 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/15/2009 | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/21/2009 | Calcium | Total | = | 24 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|----------------|---------------------------|-----------|------|--------|----------|--------------|--------|-----------------|----------------------|-----------|
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/21/2009 | Magnesium | Total | = | 5.3 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/19/2009 | Alkalinity as CaCO3 | n/a | = | 59 | mg/L | SM 2320 B | -88 | 2 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | BOD | n/a | = | 16 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/17/2009 | COD | n/a | = | 65 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/21/2009 | Hardness as CaCO3 | Total | = | 82 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/15/2009 | MBAS | n/a | < | 0.019 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/26/2009 | Phenolics | n/a | = | 0.057 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 11/11/2009 | Specific Conductance | n/a | = | 210 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 4/2009 5:12:00 | Total Chlorine Residual | n/a | = | 1.6 | mg/L | SM 4500-Cl G | 0.016 | 0.5 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Total Dissolved Solids | n/a | = | 140 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Total Organic Carbon | n/a | = | 17 | mg/L | SM 5310 C | 0.32 | 3 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/19/2009 | Total Suspended Solids | n/a | = | 1200 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/15/2009 | Turbidity | n/a | = | 86 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/19/2009 | Volatile Suspended Solids | n/a | = | 110 | mg/L | EPA 160.4 | -88 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Aluminum | Dissolved | = | 33 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Aluminum | Total | = | 4100 | µg/L | EPA 200.8 | 0.95 | 25 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Antimony | Dissolved | = | 0.84 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Antimony | Total | = | 1.2 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Arsenic | Dissolved | = | 1.6 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Arsenic | Total | = | 3.7 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Barium | Dissolved | = | 19 | µg/L | EPA 200.8 | 0.024 | 0.5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Barium | Total | = | 55 | µg/L | EPA 200.8 | 0.024 | 0.5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Beryllium | Total | = | 0.3 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Cadmium | Dissolved | = | 0.22 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Cadmium | Total | = | 0.93 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Chromium | Dissolved | = | 0.8 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Chromium | Total | = | 12 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Chromium VI | n/a | = | 0.73 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Copper | Dissolved | = | 7 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Copper | Total | = | 19 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Iron | Dissolved | = | 68 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Iron | Total | = | 6800 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Lead | Dissolved | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Lead | Total | = | 5.5 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/22/2009 | Mercury | Dissolved | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/22/2009 | Mercury | Total | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Nickel | Dissolved | = | 4.5 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Nickel | Total | = | 16 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Selenium | Dissolved | = | 0.55 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Selenium | Total | = | 1.7 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Silver | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Silver | Total | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Zinc | Dissolved | = | 13 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Zinc | Total | = | 63 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/27/2009 | Ammonia as N | n/a | = | 0.43 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------------|-----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/15/2009 | Nitrate + Nitrite as N | n/a | = | 1.2 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/15/2009 | Nitrate as N | n/a | = | 1.2 | mg/L | EPA 353.2 | 0.022 | 0.1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Phosphorus as P | Dissolved | = | 0.35 | mg/L | EPA 365.1 | 0.0028 | 0.02 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Phosphorus as P | Total | = | 0.98 | mg/L | EPA 365.1 | 0.007 | 0.05 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/26/2009 | TKN | n/a | = | 1.6 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 2,4,6-Trichlorophenol | n/a | < | 0.88 | µg/L | EPA 625 | 0.88 | 10 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 2,4-Dichlorophenol | n/a | < | 0.77 | µg/L | EPA 625 | 0.77 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 2,4-Dimethylphenol | n/a | < | 0.8 | µg/L | EPA 625 | 0.8 | 2 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 2,4-Dinitrophenol | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 2-Chlorophenol | n/a | < | 0.71 | µg/L | EPA 625 | 0.71 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 2-Nitrophenol | n/a | < | 0.84 | µg/L | EPA 625 | 0.84 | 10 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 4-Chloro-3-methylphenol | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 4-Nitrophenol | n/a | < | 6.7 | µg/L | EPA 625 | 6.7 | 10 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Acenaphthene | n/a | < | 0.31 | µg/L | EPA 625 | 0.31 | 1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Acenaphthylene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Anthracene | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Benz(a)anthracene | n/a | < | 0.19 | µg/L | EPA 625 | 0.19 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Benidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Benzo(a)pyrene | n/a | < | 0.14 | µg/L | EPA 525.2 | 0.14 | 0.2 | WKL | D,EUM,IL |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Benzo(b)fluoranthene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Benzo(g,h,i)perylene | n/a | < | 0.31 | µg/L | EPA 625 | 0.31 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Benzo(k)fluoranthene | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 10 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Bis(2-ethylhexyl)adipate | n/a | < | 0.45 | µg/L | EPA 525.2 | 0.45 | 9.8 | WKL | D,EUM,IL |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Bis(2-ethylhexyl)phthalate | n/a | < | 2.1 | µg/L | EPA 525.2 | 2.1 | 5.9 | WKL | D,EUM,IL |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Chrysene | n/a | < | 0.25 | µg/L | EPA 625 | 0.25 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Dibenz(a,h)anthracene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 10 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Diethyl phthalate | n/a | = | 5 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Di-n-butylphthalate | n/a | < | 0.53 | µg/L | EPA 625 | 0.53 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Fluoranthene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Fluorene | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|---------------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | IL |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 10 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Naphthalene | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Phenanthrene | n/a | < | 0.25 | µg/L | EPA 625 | 0.25 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Phenol | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Pyrene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | 2,4'-DDT | n/a | = | 0.027 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | 4,4'-DDE | n/a | = | 0.12 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | 4,4'-DDT | n/a | = | 0.041 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Alachlor | n/a | < | 0.14 | µg/L | EPA 525.2 | 0.14 | 0.2 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | alpha-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Atrazine | n/a | < | 0.093 | µg/L | EPA 525.2 | 0.093 | 0.2 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Azinphos methyl | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.02 | WKL | D,EUM |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | EU |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Bolstar | n/a | < | 0.0092 | µg/L | EPA 525.2 | 0.0092 | 0.02 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Bromacil | n/a | < | 1.8 | µg/L | EPA 525.2 | 1.8 | 2 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Butachlor | n/a | < | 0.2 | µg/L | EPA 525.2 | 0.2 | 0.39 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Captan | n/a | < | 1.7 | µg/L | EPA 525.2 | 1.7 | 2 | WKL | D,IL |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Chloramben | n/a | < | 1 | µg/L | EPA 515.3 | -88 | 1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Chloropropham | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.2 | WKL | D |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Chlorpyrifos | n/a | = | 0.032 | µg/L | EPA 525.2 | 0.014 | 0.02 | WKL | D,EUM |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Coumaphos | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D,EUM |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Cyanazine | n/a | < | 0.039 | µg/L | EPA 525.2 | 0.039 | 0.2 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | DCPA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Demeton-O | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Demeton-S | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Diazinon | n/a | = | 0.055 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Dichlorvos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Dimethoate | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Diphenamid | n/a | < | 0.039 | µg/L | EPA 525.2 | 0.039 | 0.2 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Disulfoton | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | EPTC | n/a | < | 0.45 | µg/L | EPA 525.2 | 0.45 | 2 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Ethoprop | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D,EUM |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Ethyl parathion | n/a | < | 0.0002 | µg/L | EPA 525.2 | 0.0002 | 0.02 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Fensulfothion | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Fenthion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.02 | WKL | D,EUM |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | gamma-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Glyphosate | n/a | < | 1.8 | µg/L | EPA 547m | 1.8 | 5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Malathion | n/a | = | 0.2 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D,EUM |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Merphos | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Methyl parathion | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Metolachlor | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Metribuzin | n/a | < | 0.15 | µg/L | EPA 525.2 | 0.15 | 0.2 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Mevinphos | n/a | < | 0.0084 | µg/L | EPA 525.2 | 0.0084 | 0.02 | WKL | D,EUM |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Molinate | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Naled | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Phorate | n/a | < | 0.006 | µg/L | EPA 525.2 | 0.006 | 0.02 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Prometon | n/a | < | 0.31 | µg/L | EPA 525.2 | 0.31 | 0.39 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Prometryn | n/a | < | 0.15 | µg/L | EPA 525.2 | 0.15 | 0.2 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Ronnel (Fenchlorphos) | n/a | < | 0.0082 | µg/L | EPA 525.2 | 0.0082 | 0.02 | WKL | D,EUM |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|--------------------------------|-----------|------|---------|------------|--------------|--------|-----------------|----------------------|-----------|
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Simazine | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.02 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Terbacil | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 3.9 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Thiobencarb | n/a | < | 0.22 | µg/L | EPA 525.2 | 0.22 | 0.39 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Tokuthion | n/a | < | 0.016 | µg/L | EPA 525.2 | 0.016 | 0.02 | WKL | D,EUM |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Trichloronate | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| MO-CAM | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Trithion | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.2 | WKL | D,EUM |
| MO-CAM | 2009/10-2 | Wet | 12/7/2009 | 12/8/2009 | E. Coli | n/a | = | 9804 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| MO-CAM | 2009/10-2 | Wet | 12/7/2009 | 12/11/2009 | Fecal Coliform | n/a | = | 16000 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| MO-CAM | 2009/10-2 | Wet | 12/7/2009 | 12/8/2009 | Total Coliform | n/a | = | 2419200 | MPN/100 mL | MMO-MUG | 1000 | 1000 | VCHCA | X |
| MO-CAM | 2009/10-2 | Wet | 7/2009 12:30:00 | 12/10/2009 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 7/2009 12:30:00 | 12/8/2009 | pH | n/a | = | 7.68 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 7/2009 12:30:00 | 12/22/2009 | Oil and Grease | n/a | DNQ | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 7/2009 12:30:00 | 12/22/2009 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 7/2009 12:30:00 | 12/18/2009 | Mercury | Total | DNQ | 14 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 7/2009 12:30:00 | 12/9/2009 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 7/2009 12:30:00 | 12/9/2009 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/11/2009 | Chloride | n/a | = | 6.9 | mg/L | EPA 300.0 | 0.079 | 0.5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/11/2009 | Fluoride | n/a | DNQ | 0.063 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/11/2009 | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Calcium | Total | = | 18 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Magnesium | Total | = | 4.4 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/17/2009 | Alkalinity as CaCO3 | n/a | = | 38 | mg/L | SM 2320 B | 1.2 | 2 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/14/2009 | BOD | n/a | = | 6.8 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/10/2009 | COD | n/a | = | 56 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Hardness as CaCO3 | Total | = | 62 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/10/2009 | MBAS | n/a | DNQ | 0.035 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/18/2009 | Phenolics | n/a | = | 0.025 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/9/2009 | Specific Conductance | n/a | = | 120 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/12/2009 | Total Dissolved Solids | n/a | = | 89 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/23/2009 | Total Organic Carbon | n/a | = | 7.1 | mg/L | SM 5310 C | 0.16 | 1.5 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/12/2009 | Total Suspended Solids | n/a | = | 490 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/9/2009 | Turbidity | n/a | = | 26 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/12/2009 | Volatile Suspended Solids | n/a | = | 69 | mg/L | EPA 160.4 | 3.1 | 5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Aluminum | Dissolved | = | 43 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Aluminum | Total | = | 4800 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Antimony | Dissolved | = | 0.65 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Antimony | Total | = | 1.1 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Arsenic | Dissolved | = | 1 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Arsenic | Total | = | 2.6 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Beryllium | Total | = | 0.25 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Cadmium | Dissolved | DNQ | 0.079 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Cadmium | Total | = | 0.77 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Chromium | Dissolved | = | 0.79 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Chromium | Total | = | 11 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/10/2009 | Chromium VI | n/a | = | 0.68 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|---------------|-----------------------------|-----------|------|--------|-------|------------|-------|-----------------|----------------------|-----------|
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Copper | Dissolved | = | 5.7 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Copper | Total | = | 22 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Iron | Dissolved | = | 53 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Iron | Total | = | 7200 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Lead | Dissolved | DNQ | 0.11 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Lead | Total | = | 6.6 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/18/2009 | Mercury | Dissolved | DNQ | 8 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/18/2009 | Mercury | Total | DNQ | 23 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Nickel | Dissolved | = | 2.2 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Nickel | Total | = | 14 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Selenium | Dissolved | DNQ | 0.079 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Selenium | Total | = | 2.2 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Silver | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Silver | Total | DNQ | 0.17 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Thallium | Total | DNQ | 0.11 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Zinc | Dissolved | = | 13 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/16/2009 | Zinc | Total | = | 93 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/11/2009 | Ammonia as N | n/a | = | 0.38 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/9/2009 | Nitrate + Nitrite as N | n/a | = | 0.66 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/22/2009 | Phosphorus as P | Dissolved | = | 1.5 | mg/L | EPA 365.1 | 0.07 | 0.5 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/22/2009 | Phosphorus as P | Total | = | 1.7 | mg/L | EPA 365.1 | 0.07 | 0.5 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/17/2009 | TKN | n/a | = | 1.5 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | 1,2,4-Trichlorobenzene | n/a | < | 0.52 | µg/L | EPA 625 | 0.52 | 10 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | 1,2-Dichlorobenzene | n/a | < | 0.6 | µg/L | EPA 625 | 0.6 | 4 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | 1,2-Diphenylhydrazine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | 1,3-Dichlorobenzene | n/a | < | 0.72 | µg/L | EPA 625 | 0.72 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | 1,4-Dichlorobenzene | n/a | < | 0.64 | µg/L | EPA 625 | 0.64 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/22/2009 | 2,4,5-Trichlorophenol | n/a | < | 0.58 | µg/L | EPA 8270Cm | 0.58 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/22/2009 | 2,4,6-Trichlorophenol | n/a | < | 0.6 | µg/L | EPA 8270Cm | 0.6 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/22/2009 | 2,4-Dichlorophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/22/2009 | 2,4-Dimethylphenol | n/a | < | 2 | µg/L | EPA 8270Cm | 2 | 4 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/22/2009 | 2,4-Dinitrophenol | n/a | < | 2 | µg/L | EPA 8270Cm | 2 | 4 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | 2,4-Dinitrotoluene | n/a | < | 0.8 | µg/L | EPA 625 | 0.8 | 10 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | 2,6-Dinitrotoluene | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 10 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | 2-Chloronaphthalene | n/a | < | 0.52 | µg/L | EPA 625 | 0.52 | 10 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/22/2009 | 2-Chlorophenol | n/a | < | 1.3 | µg/L | EPA 8270Cm | 1.3 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/22/2009 | 2-Methylphenol | n/a | < | 0.68 | µg/L | EPA 8270Cm | 0.68 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/22/2009 | 2-Nitrophenol | n/a | < | 1.4 | µg/L | EPA 8270Cm | 1.4 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | 3,3'-Dichlorobenzidine | n/a | < | 0.6 | µg/L | EPA 625 | 0.6 | 10 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/22/2009 | 3-/4-Methylphenol | n/a | DNQ | 0.72 | µg/L | EPA 8270Cm | 0.6 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/22/2009 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | 4-Bromophenyl phenyl ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 10 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/22/2009 | 4-Chloro-3-methylphenol | n/a | < | 0.74 | µg/L | EPA 8270Cm | 0.74 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | 4-Chlorophenyl phenyl ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 10 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/22/2009 | 4-Nitrophenol | n/a | < | 2 | µg/L | EPA 8270Cm | 2 | 4 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/18/2009 | Acenaphthene | n/a | < | 0.24 | µg/L | EPA 8270Cm | 0.24 | 1 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/18/2009 | Acenaphthylene | n/a | < | 0.26 | µg/L | EPA 8270Cm | 0.26 | 1 | WKL | D |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|---------------|-----------------------------|----------|------|--------|-------|------------|------|-----------------|----------------------|-----------|
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/18/2009 | Anthracene | n/a | < | 0.24 | µg/L | EPA 8270Cm | 0.24 | 1 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/18/2009 | Benz(a)anthracene | n/a | < | 0.56 | µg/L | EPA 8270Cm | 0.56 | 1 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | Benidine | n/a | < | 1.4 | µg/L | EPA 625 | 1.4 | 10 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/15/2009 | Benzo(a)pyrene | n/a | < | 0.15 | µg/L | EPA 525.2 | 0.15 | 0.2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/18/2009 | Benzo(b)fluoranthene | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/18/2009 | Benzo(g,h,i)perylene | n/a | < | 0.26 | µg/L | EPA 8270Cm | 0.26 | 1 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/18/2009 | Benzo(k)fluoranthene | n/a | < | 0.24 | µg/L | EPA 8270Cm | 0.24 | 1 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | Bis(2-chloroethoxy)methane | n/a | < | 0.8 | µg/L | EPA 625 | 0.8 | 10 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | Bis(2-chloroethyl)ether | n/a | < | 0.92 | µg/L | EPA 625 | 0.92 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | Bis(2-chloroisopropyl)ether | n/a | < | 0.96 | µg/L | EPA 625 | 0.96 | 4 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/15/2009 | Bis(2-ethylhexyl)adipate | n/a | < | 0.46 | µg/L | EPA 525.2 | 0.46 | 10 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/15/2009 | Bis(2-ethylhexyl)phthalate | n/a | < | 2.1 | µg/L | EPA 525.2 | 2.1 | 6 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | Butyl benzyl phthalate | n/a | < | 2 | µg/L | EPA 625 | 2 | 10 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/18/2009 | Chrysene | n/a | < | 0.18 | µg/L | EPA 8270Cm | 0.18 | 1 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/18/2009 | Dibenz(a,h)anthracene | n/a | < | 0.26 | µg/L | EPA 8270Cm | 0.26 | 1 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | Diethyl phthalate | n/a | DNQ | 2.5 | µg/L | EPA 625 | 0.46 | 4 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | Dimethyl phthalate | n/a | < | 0.52 | µg/L | EPA 625 | 0.52 | 4 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | Di-n-butylphthalate | n/a | < | 1.1 | µg/L | EPA 625 | 1.1 | 10 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | Di-n-octylphthalate | n/a | < | 0.56 | µg/L | EPA 625 | 0.56 | 10 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/18/2009 | Fluoranthene | n/a | < | 0.4 | µg/L | EPA 8270Cm | 0.4 | 1 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/18/2009 | Fluorene | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | Hexachlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | Hexachlorobutadiene | n/a | < | 0.82 | µg/L | EPA 625 | 0.82 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | Hexachlorocyclopentadiene | n/a | < | 10 | µg/L | EPA 625 | 10 | 20 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | Hexachloroethane | n/a | < | 0.72 | µg/L | EPA 625 | 0.72 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/18/2009 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 1 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | Isophorone | n/a | < | 0.66 | µg/L | EPA 625 | 0.66 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/18/2009 | Naphthalene | n/a | < | 0.22 | µg/L | EPA 8270Cm | 0.22 | 1 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | Nitrobenzene | n/a | < | 0.74 | µg/L | EPA 625 | 0.74 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | N-Nitrosodimethylamine | n/a | < | 0.72 | µg/L | EPA 625 | 0.72 | 10 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | N-Nitrosodi-N-propylamine | n/a | < | 0.82 | µg/L | EPA 625 | 0.82 | 10 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 1/5/2010 | N-Nitrosodiphenylamine | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/18/2009 | Phenanthrene | n/a | < | 0.22 | µg/L | EPA 8270Cm | 0.22 | 1 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/22/2009 | Phenol | n/a | < | 0.7 | µg/L | EPA 8270Cm | 0.7 | 2 | WKL | D,EUM |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/18/2009 | Pyrene | n/a | < | 0.42 | µg/L | EPA 8270Cm | 0.42 | 1 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/11/2009 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/11/2009 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/11/2009 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/11/2009 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|---------------|--------------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/11/2009 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | 4,4'-DDE | n/a | DNQ | 0.041 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | 4,4'-DDT | n/a | = | 0.016 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/11/2009 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/15/2009 | Alachlor | n/a | < | 0.14 | µg/L | EPA 525.2 | 0.14 | 0.2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | alpha-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/15/2009 | Atrazine | n/a | < | 0.094 | µg/L | EPA 525.2 | 0.094 | 0.2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Azinphos methyl | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.02 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/11/2009 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Bolstar | n/a | < | 0.0092 | µg/L | EPA 525.2 | 0.0092 | 0.02 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/15/2009 | Bromacil | n/a | < | 1.8 | µg/L | EPA 525.2 | 1.8 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/15/2009 | Butachlor | n/a | < | 0.2 | µg/L | EPA 525.2 | 0.2 | 0.4 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/15/2009 | Captan | n/a | < | 1.7 | µg/L | EPA 525.2 | 1.7 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/11/2009 | Chloramben | n/a | < | 1 | µg/L | EPA 515.3 | 1 | 1 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/15/2009 | Chlorpropham | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Chlorpyrifos | n/a | < | 0.014 | µg/L | EPA 525.2 | 0.014 | 0.02 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Coumaphos | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/15/2009 | Cyanazine | n/a | < | 0.04 | µg/L | EPA 525.2 | 0.04 | 0.2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/11/2009 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/11/2009 | DCPA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Demeton-O | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Demeton-S | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Diazinon | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/11/2009 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/11/2009 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Dichlorvos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Dimethoate | n/a | = | 0.02 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/11/2009 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/15/2009 | Diphenamid | n/a | < | 0.04 | µg/L | EPA 525.2 | 0.04 | 0.2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Disulfoton | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/15/2009 | EPTC | n/a | < | 0.46 | µg/L | EPA 525.2 | 0.46 | 2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Ethoprop | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Ethyl parathion | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.02 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Fensulfthion | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Fenthion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.02 | WKL | D |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|----------------|--------------------------------|----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | gamma-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/14/2009 | Glyphosate | n/a | < | 1.8 | µg/L | EPA 547 | 1.8 | 5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Malathion | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D,IL |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Merphos | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Methyl parathion | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/15/2009 | Metolachlor | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/15/2009 | Metribuzin | n/a | < | 0.15 | µg/L | EPA 525.2 | 0.15 | 0.2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Mevinphos | n/a | < | 0.0084 | µg/L | EPA 525.2 | 0.0084 | 0.02 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/15/2009 | Molinate | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Naled | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/11/2009 | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Phorate | n/a | < | 0.006 | µg/L | EPA 525.2 | 0.006 | 0.02 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/11/2009 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/15/2009 | Prometon | n/a | < | 0.32 | µg/L | EPA 525.2 | 0.32 | 0.4 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/15/2009 | Prometryn | n/a | < | 0.15 | µg/L | EPA 525.2 | 0.15 | 0.2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Ronnel (Fenchlorphos) | n/a | < | 0.0082 | µg/L | EPA 525.2 | 0.0082 | 0.02 | WKL | D,IL |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/15/2009 | Simazine | n/a | < | 0.17 | µg/L | EPA 525.2 | 0.17 | 0.2 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.02 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/15/2009 | Terbacil | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 4 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/15/2009 | Thiobencarb | n/a | < | 0.22 | µg/L | EPA 525.2 | 0.22 | 0.4 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Tokuthion | n/a | < | 0.016 | µg/L | EPA 525.2 | 0.016 | 0.02 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/21/2009 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/27/2009 | Trichloronate | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| MO-CAM | 2009/10-2 | Wet | 8/2009 1:00:00 | 12/15/2009 | Trithion | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.2 | WKL | D |
| MO-CAM | 2009/10-3 | Wet | 2010 11:15:00 | 2010 11:00:00 | E. Coli | n/a | = | 3873 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | D |
| MO-CAM | 2009/10-3 | Wet | 2010 11:15:00 | 2010 2:58:00 F | Fecal Coliform | n/a | = | 3000 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| MO-CAM | 2009/10-3 | Wet | 2010 11:15:00 | 2010 11:00:00 | Total Coliform | n/a | = | 104620 | MPN/100 mL | MMO-MUG | 100 | 100 | VCHCA | D |
| MO-CAM | 2009/10-3 | Wet | 2010 11:15:00 | 2/17/2010 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 2010 11:15:00 | 2010 5:00:00 F | pH | n/a | = | 8.47 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | BV |
| MO-CAM | 2009/10-3 | Wet | 2010 11:15:00 | 2/17/2010 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 2010 11:15:00 | 2/17/2010 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 2010 11:15:00 | 2/19/2010 | Mercury | Total | = | 55 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 2010 11:15:00 | 2/9/2010 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 2010 11:15:00 | 2/9/2010 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 2010 1:15:00 F | 2/17/2010 | Chloride | n/a | = | 42 | mg/L | EPA 300.0 | 0.079 | 0.5 | WKL | GB |
| MO-CAM | 2009/10-3 | Wet | 2010 1:15:00 F | 2/17/2010 | Fluoride | n/a | DNQ | 0.054 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 2010 1:15:00 F | 2/10/2010 | Perchlorate | n/a | DNQ | 1.4 | µg/L | EPA 314.0 | 0.82 | 2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 2010 1:15:00 F | 2/12/2010 | Calcium | Total | = | 15 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 2010 1:15:00 F | 2/12/2010 | Magnesium | Total | = | 2.8 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 2010 1:15:00 F | 2/16/2010 | Alkalinity as CaCO3 | n/a | = | 22 | mg/L | SM 2320 B | 1.2 | 2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 2010 1:15:00 F | 2/16/2010 | BOD | n/a | = | 3 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 2010 1:15:00 F | 2/11/2010 | COD | n/a | = | 28 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 2010 1:15:00 F | 2/12/2010 | Hardness as CaCO3 | Total | = | 48 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|------------------|---------------|---------------------------|-----------|------|--------|----------|-----------|--------|-----------------|----------------------|-----------|
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/8/2010 | MBAS | n/a | = | 0.09 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Phenolics | n/a | DNQ | 0.0045 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/9/2010 | Specific Conductance | n/a | = | 230 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/13/2010 | Total Dissolved Solids | n/a | = | 120 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Total Organic Carbon | n/a | = | 3.1 | mg/L | SM 5310 C | 0.064 | 0.6 | WKL | D |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/13/2010 | Total Suspended Solids | n/a | = | 69 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/8/2010 | Turbidity | n/a | = | 46 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/13/2010 | Volatile Suspended Solids | n/a | = | 15 | mg/L | EPA 160.4 | 3.1 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Aluminum | Dissolved | = | 31 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Aluminum | Total | = | 1600 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Antimony | Dissolved | DNQ | 0.41 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Antimony | Total | = | 0.82 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Arsenic | Dissolved | = | 0.96 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Arsenic | Total | = | 1.6 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Beryllium | Total | DNQ | 0.05 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Cadmium | Dissolved | DNQ | 0.03 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Cadmium | Total | = | 0.15 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Chromium | Dissolved | = | 0.67 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Chromium | Total | = | 3.8 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/10/2010 | Chromium VI | n/a | = | 0.33 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/19/2010 | Copper | Dissolved | = | 5.8 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Copper | Total | = | 14 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Iron | Dissolved | = | 41 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Iron | Total | = | 2300 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Lead | Dissolved | DNQ | 0.05 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Lead | Total | = | 2.6 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/16/2010 | Mercury | Dissolved | DNQ | 43 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/16/2010 | Mercury | Total | DNQ | 43 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Nickel | Dissolved | = | 1 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Nickel | Total | = | 3.9 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Selenium | Dissolved | DNQ | 0.1 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Selenium | Total | DNQ | 0.15 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Silver | Dissolved | DNQ | 0.02 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Silver | Total | DNQ | 0.01 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Zinc | Dissolved | = | 17 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Zinc | Total | = | 56 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Ammonia as N | n/a | = | 0.29 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/12/2010 | Nitrate + Nitrite as N | n/a | = | 0.7 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Phosphorus as P | Dissolved | = | 0.23 | mg/L | EPA 365.1 | 0.0028 | 0.02 | WKL | D |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/18/2010 | Phosphorus as P | Total | = | 0.31 | mg/L | EPA 365.1 | 0.0028 | 0.02 | WKL | D |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/12/2010 | TKN | n/a | = | 1 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | GB |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|------------------|---------------|-----------------------------|----------|------|--------|-------|------------|-------|-----------------|----------------------|-----------|
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | 2,4,6-Trichlorophenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | 2,4-Dichlorophenol | n/a | < | 0.51 | µg/L | EPA 8270Cm | 0.51 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | 3-/4-Methylphenol | n/a | DNQ | 0.41 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/16/2010 | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/16/2010 | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/16/2010 | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/16/2010 | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | Benzidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/16/2010 | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/16/2010 | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/16/2010 | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Bis(2-ethylhexyl)phthalate | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 3 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/16/2010 | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/16/2010 | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | Diethyl phthalate | n/a | = | 4.8 | µg/L | EPA 625 | 0.23 | 2 | WKL | EUM |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | Di-n-butylphthalate | n/a | DNQ | 0.78 | µg/L | EPA 625 | 0.53 | 5 | WKL | EUM |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/16/2010 | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/16/2010 | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/16/2010 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|------------------|---------------|---------------------------|----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/16/2010 | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/20/2010 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/16/2010 | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Phenol | n/a | DNQ | 0.54 | µg/L | EPA 8270Cm | 0.35 | 1 | WKL | EUM |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/16/2010 | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/23/2010 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/23/2010 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/23/2010 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/23/2010 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/23/2010 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | 4,4'-DDE | n/a | DNQ | 0.015 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/23/2010 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | alpha-Chlordane | n/a | < | 0.0013 | µg/L | EPA 608 | 0.0013 | 0.01 | WKL | EUM |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Azinphos methyl | n/a | < | 0.0055 | µg/L | EPA 525.2 | 0.0055 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/23/2010 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Bolstar | n/a | < | 0.0046 | µg/L | EPA 525.2 | 0.0046 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Chlorpropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Chlorpyrifos | n/a | < | 0.0069 | µg/L | EPA 525.2 | 0.0069 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Coumaphos | n/a | < | 0.0051 | µg/L | EPA 525.2 | 0.0051 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/23/2010 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/23/2010 | DCPA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Demeton-O | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|------------------|---------------|-------------------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Demeton-S | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Diazinon | n/a | < | 0.0052 | µg/L | EPA 525.2 | 0.0052 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/23/2010 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/23/2010 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Dichlorvos | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Dimethoate | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/23/2010 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Disulfoton | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Ethoprop | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Ethyl parathion | n/a | < | 0.0054 | µg/L | EPA 525.2 | 0.0054 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Fensulfothion | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Fenthion | n/a | < | 0.0038 | µg/L | EPA 525.2 | 0.0038 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | gamma-Chlordane | n/a | < | 0.0014 | µg/L | EPA 608 | 0.0014 | 0.01 | WKL | EUM |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/8/2010 | Glyphosate | n/a | DNQ | 3.8 | µg/L | EPA 547 | 1.8 | 5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Malathion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | IL |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Merphos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Methyl parathion | n/a | < | 0.0063 | µg/L | EPA 525.2 | 0.0063 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Mevinphos | n/a | < | 0.0042 | µg/L | EPA 525.2 | 0.0042 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Naled | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/23/2010 | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Phorate | n/a | < | 0.003 | µg/L | EPA 525.2 | 0.003 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/23/2010 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Ronnel (Fenchlorphos) | n/a | < | 0.0041 | µg/L | EPA 525.2 | 0.0041 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0031 | µg/L | EPA 525.2 | 0.0031 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 2/17/2010 | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Tokuthion | n/a | < | 0.0078 | µg/L | EPA 525.2 | 0.0078 | 0.01 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/4/2010 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| MO-CAM | 2009/10-3 | Wet | 5/2010 1:15:00 F | 3/3/2010 | Trichloronate | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|----------------|--------------------------------|-----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| MO-CAM | 2009/10-3 | Wet | 7/2010 1:15:00 | 2/17/2010 | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 2:15:00 | 3/23/2010 | E. Coli | n/a | < | 10 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 2:15:00 | 3/23/2010 | Fecal Coliform | n/a | = | 2 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 2:15:00 | 3/23/2010 | Total Coliform | n/a | = | 74 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 2:15:00 | 3/26/2010 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 2:15:00 | 3/26/2010 | pH | n/a | = | 9.88 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | BV |
| MO-CAM | 2009/10-4 | Dry | 7/2010 2:15:00 | 3/23/2010 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 2:15:00 | 3/23/2010 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 2:15:00 | 3/24/2010 | Mercury | Total | DNQ | 20 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 2:15:00 | 3/19/2010 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 2:15:00 | 3/19/2010 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/24/2010 | Chloride | n/a | = | 340 | mg/L | EPA 300.0 | 0.79 | 5 | WKL | D,GB |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/24/2010 | Fluoride | n/a | DNQ | 0.71 | mg/L | EPA 300.0 | 0.13 | 1 | WKL | D |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/31/2010 | Perchlorate | n/a | < | 1.6 | µg/L | EPA 314.0 | 1.6 | 4 | WKL | D |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/26/2010 | Calcium | Total | = | 190 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/26/2010 | Magnesium | Total | = | 38 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/22/2010 | Alkalinity as CaCO3 | n/a | = | 190 | mg/L | SM 2320 B | 1.2 | 10 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/24/2010 | BOD | n/a | = | 12 | mg/L | SM 5240 B | 0.1 | 2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/23/2010 | COD | n/a | = | 77 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/26/2010 | Hardness as CaCO3 | Total | = | 640 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 8/2010 5:53:00 | MBAS | n/a | = | 0.43 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/31/2010 | Phenolics | n/a | = | 0.047 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/22/2010 | Specific Conductance | n/a | = | 2200 | µmhos/cm | SM 2510 B | 0.47 | 4 | WKL | D |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/22/2010 | Total Dissolved Solids | n/a | = | 1500 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/24/2010 | Total Organic Carbon | n/a | = | 19 | mg/L | SM 5310 C | 0.64 | 6 | WKL | D |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/22/2010 | Total Suspended Solids | n/a | = | 5 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/19/2010 | Turbidity | n/a | = | 2.8 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/23/2010 | Volatile Suspended Solids | n/a | < | 3.1 | mg/L | EPA 160.4 | 3.1 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/30/2010 | Aluminum | Dissolved | DNQ | 1.7 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/30/2010 | Aluminum | Total | = | 25 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/30/2010 | Antimony | Dissolved | = | 1.1 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/30/2010 | Antimony | Total | = | 1.1 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/30/2010 | Arsenic | Dissolved | = | 2.5 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/30/2010 | Arsenic | Total | = | 2.6 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/30/2010 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/30/2010 | Beryllium | Total | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/30/2010 | Cadmium | Dissolved | = | 0.14 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/30/2010 | Cadmium | Total | = | 0.16 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/30/2010 | Chromium | Dissolved | = | 0.89 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/30/2010 | Chromium | Total | = | 0.93 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/19/2010 | Chromium VI | n/a | = | 0.79 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/30/2010 | Copper | Dissolved | = | 15 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/30/2010 | Copper | Total | = | 17 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/30/2010 | Iron | Dissolved | = | 31 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/30/2010 | Iron | Total | = | 110 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/30/2010 | Lead | Dissolved | DNQ | 0.064 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/30/2010 | Lead | Total | = | 0.22 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 7/2010 11:45:00 | 3/30/2010 | Mercury | Dissolved | DNQ | 48 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------------|-----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Mercury | Total | DNQ | 48 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Nickel | Dissolved | = | 5.1 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Nickel | Total | = | 5.4 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Selenium | Dissolved | DNQ | 0.39 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Selenium | Total | = | 0.43 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Silver | Dissolved | DNQ | 0.014 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Silver | Total | DNQ | 0.023 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Zinc | Dissolved | = | 7.2 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Zinc | Total | = | 6.9 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 4/1/2010 | Ammonia as N | n/a | = | 0.19 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/19/2010 | Nitrate + Nitrite as N | n/a | = | 0.17 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/29/2010 | Phosphorus as P | Dissolved | = | 0.28 | mg/L | EPA 365.1 | 0.0028 | 0.02 | WKL | D |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/29/2010 | Phosphorus as P | Total | = | 0.33 | mg/L | EPA 365.1 | 0.0028 | 0.02 | WKL | D |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | TKN | n/a | = | 2.7 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | 2,4,6-Trichlorophenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | 2,4-Dichlorophenol | n/a | < | 0.51 | µg/L | EPA 8270Cm | 0.51 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | 3-/4-Methylphenol | n/a | DNQ | 0.51 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | Benzidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------------|----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Bis(2-ethylhexyl)phthalate | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 3 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | Diethyl phthalate | n/a | = | 4.4 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | Di-n-butylphthalate | n/a | DNQ | 0.61 | µg/L | EPA 625 | 0.53 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Phenol | n/a | DNQ | 0.88 | µg/L | EPA 8270Cm | 0.35 | 1 | WKL | EUM |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/26/2010 | 2,4,5-T | n/a | = | 0.2 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/26/2010 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/26/2010 | 2,4-D | n/a | = | 18 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/26/2010 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/26/2010 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/26/2010 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | alpha-Chlordane | n/a | < | 0.0041 | µg/L | EPA 608 | 0.0041 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 4/12/2010 | Azinphos methyl | n/a | < | 0.0055 | µg/L | EPA 525.2 | 0.0055 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/26/2010 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 4/12/2010 | Bolstar | n/a | < | 0.0046 | µg/L | EPA 525.2 | 0.0046 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Chlorpropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 4/12/2010 | Chlorpyrifos | n/a | < | 0.0069 | µg/L | EPA 525.2 | 0.0069 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 4/12/2010 | Coumaphos | n/a | < | 0.0051 | µg/L | EPA 525.2 | 0.0051 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/26/2010 | Dalapon | n/a | = | 0.79 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/26/2010 | DCCA (Dacthal) | n/a | = | 2 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 4/12/2010 | Demeton-O | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 4/12/2010 | Demeton-S | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 4/12/2010 | Diazinon | n/a | < | 0.0052 | µg/L | EPA 525.2 | 0.0052 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/26/2010 | Dicamba | n/a | = | 1.9 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/26/2010 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 4/12/2010 | Dichlorvos | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 4/12/2010 | Dimethoate | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/26/2010 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 4/12/2010 | Disulfoton | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/25/2010 | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 4/12/2010 | Ethoprop | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 4/12/2010 | Ethyl parathion | n/a | < | 0.0054 | µg/L | EPA 525.2 | 0.0054 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 4/12/2010 | Fensulfothion | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 4/12/2010 | Fenthion | n/a | < | 0.0038 | µg/L | EPA 525.2 | 0.0038 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | gamma-Chlordane | n/a | < | 0.0044 | µg/L | EPA 608 | 0.0044 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/22/2010 | Glyphosate | n/a | = | 5.8 | µg/L | EPA 547 | 1.8 | 5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 4/12/2010 | Malathion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 4/12/2010 | Merphos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 2/2010 11:45:00 | 3/30/2010 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|----------------|--------------------------------|----------|------|---------|------------|--------------|--------|-----------------|----------------------|-----------|
| MO-CAM | 2009/10-4 | Dry | 3/2010 11:45:00 | 4/12/2010 | Methyl parathion | n/a | < | 0.0063 | µg/L | EPA 525.2 | 0.0063 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 3/2010 11:45:00 | 3/25/2010 | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 3/2010 11:45:00 | 3/25/2010 | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 3/2010 11:45:00 | 4/12/2010 | Mevinphos | n/a | < | 0.0042 | µg/L | EPA 525.2 | 0.0042 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 3/2010 11:45:00 | 3/30/2010 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 3/2010 11:45:00 | 3/25/2010 | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 3/2010 11:45:00 | 4/12/2010 | Naled | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 3/2010 11:45:00 | 3/26/2010 | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 3/2010 11:45:00 | 4/12/2010 | Phorate | n/a | < | 0.003 | µg/L | EPA 525.2 | 0.003 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 3/2010 11:45:00 | 3/26/2010 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 3/2010 11:45:00 | 3/25/2010 | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 3/2010 11:45:00 | 3/25/2010 | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 3/2010 11:45:00 | 4/12/2010 | Ronnel (Fenchlorphos) | n/a | < | 0.0041 | µg/L | EPA 525.2 | 0.0041 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 3/2010 11:45:00 | 3/25/2010 | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 3/2010 11:45:00 | 4/12/2010 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0031 | µg/L | EPA 525.2 | 0.0031 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 3/2010 11:45:00 | 3/25/2010 | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 3/2010 11:45:00 | 3/25/2010 | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 3/2010 11:45:00 | 4/12/2010 | Tokuthion | n/a | < | 0.0078 | µg/L | EPA 525.2 | 0.0078 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 3/2010 11:45:00 | 3/30/2010 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 3/2010 11:45:00 | 4/12/2010 | Trichloronate | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| MO-CAM | 2009/10-4 | Dry | 3/2010 11:45:00 | 3/25/2010 | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 3/2009 8:15:00 | 4/2009 8:10:00 | E. Coli | n/a | = | 8230 | MPN/100 mL | MMO-MUG | 1000 | 1000 | VCHCA | D |
| MO-MEI | 2009/10-1 | Wet | 3/2009 8:15:00 | 5/2009 2:20:00 | Enterococcus | n/a | = | 38400 | MPN/100 mL | Enterolert | 10000 | 10000 | VCHCA | D |
| MO-MEI | 2009/10-1 | Wet | 3/2009 8:15:00 | 7/2009 1:45:00 | Fecal Coliform | n/a | = | 30000 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| MO-MEI | 2009/10-1 | Wet | 3/2009 8:15:00 | 7/2009 1:45:00 | Total Coliform | n/a | = | 1299700 | MPN/100 mL | MMO-MUG | 10000 | 10000 | VCHCA | D |
| MO-MEI | 2009/10-1 | Wet | 3/2009 8:15:00 | 10/22/2009 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 3/2009 8:15:00 | 10/15/2009 | pH | n/a | = | 7.22 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 3/2009 8:15:00 | 10/16/2009 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 3/2009 8:15:00 | 10/21/2009 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 3/2009 8:15:00 | 10/22/2009 | Mercury | Total | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 3/2009 8:15:00 | 10/15/2009 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 3/2009 8:15:00 | 10/15/2009 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/17/2009 | Chloride | n/a | = | 13 | mg/L | EPA 300.0 | 0.079 | 0.5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/17/2009 | Fluoride | n/a | = | 0.12 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Perchlorate | n/a | = | 4.3 | µg/L | EPA 314.0 | 0.82 | 2 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/21/2009 | Calcium | Total | = | 12 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/21/2009 | Magnesium | Total | = | 3.6 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/21/2009 | Alkalinity as CaCO3 | n/a | = | 32 | mg/L | SM 2320 B | -88 | 2 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | BOD | n/a | = | 17 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/17/2009 | COD | n/a | = | 69 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/21/2009 | Hardness as CaCO3 | Total | = | 46 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/15/2009 | MBAS | n/a | = | 0.25 | mg/L | SM 5540 C | 0.076 | 0.2 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/26/2009 | Phenolics | n/a | = | 0.06 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 11/11/2009 | Specific Conductance | n/a | = | 180 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 4/2009 5:12:00 | Total Chlorine Residual | n/a | = | 0.098 | mg/L | SM 4500-Cl G | 0.0016 | 0.05 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Total Dissolved Solids | n/a | = | 100 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Total Organic Carbon | n/a | = | 20 | mg/L | SM 5310 C | 0.32 | 3 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/19/2009 | Total Suspended Solids | n/a | = | 160 | mg/L | SM 2540 D | 5 | 5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|---------------------------|-----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/15/2009 | Turbidity | n/a | = | 29 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/19/2009 | Volatile Suspended Solids | n/a | = | 41 | mg/L | EPA 160.4 | -88 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Aluminum | Dissolved | = | 41 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Aluminum | Total | = | 1200 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Antimony | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Antimony | Total | = | 0.69 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Arsenic | Dissolved | = | 0.99 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Arsenic | Total | = | 1.6 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Barium | Dissolved | = | 24 | µg/L | EPA 200.8 | 0.024 | 0.5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Barium | Total | = | 37 | µg/L | EPA 200.8 | 0.024 | 0.5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Beryllium | Total | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Cadmium | Dissolved | < | 0.013 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Cadmium | Total | = | 0.12 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Chromium | Dissolved | = | 0.6 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Chromium | Total | = | 2.6 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Chromium VI | n/a | = | 0.38 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Copper | Dissolved | = | 6.4 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Copper | Total | = | 9.4 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Iron | Dissolved | = | 65 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Iron | Total | = | 1300 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Lead | Dissolved | = | 0.28 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Lead | Total | = | 3.5 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/22/2009 | Mercury | Dissolved | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/22/2009 | Mercury | Total | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Nickel | Dissolved | = | 2.8 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Nickel | Total | = | 5.6 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Selenium | Dissolved | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Selenium | Total | = | 0.73 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Silver | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Silver | Total | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Zinc | Dissolved | = | 20 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Zinc | Total | = | 42 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/27/2009 | Ammonia as N | n/a | = | 0.43 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/15/2009 | Nitrate + Nitrite as N | n/a | = | 1.4 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/15/2009 | Nitrate as N | n/a | = | 1.2 | mg/L | EPA 353.2 | 0.022 | 0.1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Phosphorus as P | Dissolved | = | 0.59 | mg/L | EPA 365.1 | 0.014 | 0.1 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Phosphorus as P | Total | = | 0.75 | mg/L | EPA 365.1 | 0.014 | 0.1 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/26/2009 | TKN | n/a | = | 2.1 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 2,4,6-Trichlorophenol | n/a | < | 0.88 | µg/L | EPA 625 | 0.88 | 10 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 2,4-Dichlorophenol | n/a | < | 0.77 | µg/L | EPA 625 | 0.77 | 5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------------|----------|------|--------|-------|-----------|------|-----------------|----------------------|-----------|
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 2,4-Dimethylphenol | n/a | < | 0.8 | µg/L | EPA 625 | 0.8 | 2 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 2,4-Dinitrophenol | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 2-Chlorophenol | n/a | < | 0.71 | µg/L | EPA 625 | 0.71 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 2-Nitrophenol | n/a | < | 0.84 | µg/L | EPA 625 | 0.84 | 10 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 4-Chloro-3-methylphenol | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | 4-Nitrophenol | n/a | < | 6.7 | µg/L | EPA 625 | 6.7 | 10 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Acenaphthene | n/a | < | 0.31 | µg/L | EPA 625 | 0.31 | 1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Acenaphthylene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Anthracene | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Benz(a)anthracene | n/a | < | 0.19 | µg/L | EPA 625 | 0.19 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Benidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Benzo(a)pyrene | n/a | < | 0.12 | µg/L | EPA 525.2 | 0.12 | 0.17 | WKL | D,EUM,IL |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Benzo(b)fluoranthene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Benzo(g,h,i)perylene | n/a | < | 0.31 | µg/L | EPA 625 | 0.31 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Benzo(k)fluoranthene | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 10 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Bis(2-ethylhexyl)adipate | n/a | < | 0.38 | µg/L | EPA 525.2 | 0.38 | 8.3 | WKL | D,EUM,IL |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Bis(2-ethylhexyl)phthalate | n/a | < | 1.8 | µg/L | EPA 525.2 | 1.8 | 5 | WKL | D,EUM,IL |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Chrysene | n/a | < | 0.25 | µg/L | EPA 625 | 0.25 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Dibenz(a,h)anthracene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 10 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Di-n-butylphthalate | n/a | < | 0.53 | µg/L | EPA 625 | 0.53 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Fluoranthene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Fluorene | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | IL |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 10 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Naphthalene | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Phenanthrene | n/a | < | 0.25 | µg/L | EPA 625 | 0.25 | 5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|--------------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Phenol | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/24/2009 | Pyrene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Alachlor | n/a | < | 0.12 | µg/L | EPA 525.2 | 0.12 | 0.17 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | alpha-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Atrazine | n/a | < | 0.078 | µg/L | EPA 525.2 | 0.078 | 0.17 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Azinphos methyl | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.02 | WKL | D,EUM |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | EU |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Bolstar | n/a | < | 0.0092 | µg/L | EPA 525.2 | 0.0092 | 0.02 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Bromacil | n/a | < | 1.5 | µg/L | EPA 525.2 | 1.5 | 1.7 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Butachlor | n/a | < | 0.17 | µg/L | EPA 525.2 | 0.17 | 0.33 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Captan | n/a | < | 1.4 | µg/L | EPA 525.2 | 1.4 | 1.7 | WKL | D,IL |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Chloramben | n/a | < | 1 | µg/L | EPA 515.3 | -88 | 1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Chloropropham | n/a | < | 0.017 | µg/L | EPA 525.2 | 0.017 | 0.17 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Chlorpyrifos | n/a | < | 0.014 | µg/L | EPA 525.2 | 0.014 | 0.02 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Coumaphos | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D,EUM |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Cyanazine | n/a | < | 0.033 | µg/L | EPA 525.2 | 0.033 | 0.17 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | DCPA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Demeton-O | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Demeton-S | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Diazinon | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Dichlorvos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-------------------------------|----------|------|---------|------------|-----------|--------|-----------------|----------------------|-----------|
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Dimethoate | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Diphenamid | n/a | < | 0.033 | µg/L | EPA 525.2 | 0.033 | 0.17 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Disulfoton | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | EPTC | n/a | < | 0.38 | µg/L | EPA 525.2 | 0.38 | 1.7 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Ethoprop | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D,EUM |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Ethyl parathion | n/a | < | 0.0002 | µg/L | EPA 525.2 | 0.0002 | 0.02 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Fensulfothion | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Fenthion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.02 | WKL | D,EUM |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | gamma-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Glyphosate | n/a | = | 7.1 | µg/L | EPA 547m | 1.8 | 5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Malathion | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D,EUM |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Merphos | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Methyl parathion | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Metolachlor | n/a | < | 0.093 | µg/L | EPA 525.2 | 0.093 | 0.17 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Metribuzin | n/a | < | 0.12 | µg/L | EPA 525.2 | 0.12 | 0.17 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Mevinphos | n/a | < | 0.0084 | µg/L | EPA 525.2 | 0.0084 | 0.02 | WKL | D,EUM |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Molinate | n/a | < | 0.084 | µg/L | EPA 525.2 | 0.084 | 0.17 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Naled | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Pentachlorophenol | n/a | = | 0.27 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Phorate | n/a | < | 0.006 | µg/L | EPA 525.2 | 0.006 | 0.02 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/16/2009 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Prometon | n/a | < | 0.26 | µg/L | EPA 525.2 | 0.26 | 0.33 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Prometryn | n/a | < | 0.12 | µg/L | EPA 525.2 | 0.12 | 0.17 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Ronnel (Fenclorophos) | n/a | < | 0.0082 | µg/L | EPA 525.2 | 0.0082 | 0.02 | WKL | D,EUM |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Simazine | n/a | < | 0.14 | µg/L | EPA 525.2 | 0.14 | 0.17 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.02 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Terbacil | n/a | < | 0.91 | µg/L | EPA 525.2 | 0.91 | 3.3 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Thiobencarb | n/a | < | 0.18 | µg/L | EPA 525.2 | 0.18 | 0.33 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Tokuthion | n/a | < | 0.016 | µg/L | EPA 525.2 | 0.016 | 0.02 | WKL | D,EUM |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/23/2009 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/29/2009 | Trichloronate | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| MO-MEI | 2009/10-1 | Wet | 4/2009 12:40:00 | 10/20/2009 | Trithion | n/a | < | 0.017 | µg/L | EPA 525.2 | 0.017 | 0.17 | WKL | D,EUM |
| MO-MEI | 2009/10-2 | Wet | 12/7/2009 | 12/8/2009 | E. Coli | n/a | = | 14136 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| MO-MEI | 2009/10-2 | Wet | 12/7/2009 | 12/11/2009 | Fecal Coliform | n/a | = | 160000 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| MO-MEI | 2009/10-2 | Wet | 12/7/2009 | 12/8/2009 | Total Coliform | n/a | = | 2419200 | MPN/100 mL | MMO-MUG | 1000 | 1000 | VCHCA | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 2:15:00 | 12/18/2009 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|--------------------------------|-----------|------|--------|----------|--------------|--------|-----------------|----------------------|-----------|
| MO-MEI | 2009/10-2 | Wet | 7/2009 2:15:00 | 12/8/2009 | pH | n/a | = | 7.27 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 7/2009 2:15:00 | 12/22/2009 | Oil and Grease | n/a | DNQ | 2.2 | mg/L | EPA 1664A | 2 | 5 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 7/2009 2:15:00 | 12/22/2009 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 2:15:00 | 12/18/2009 | Mercury | Total | DNQ | 10 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 7/2009 2:15:00 | 12/9/2009 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 2:15:00 | 12/9/2009 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/11/2009 | Chloride | n/a | = | 8.8 | mg/L | EPA 300.0 | 0.079 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/11/2009 | Fluoride | n/a | DNQ | 0.078 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/11/2009 | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Calcium | Total | = | 13 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Magnesium | Total | = | 4.4 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/17/2009 | Alkalinity as CaCO3 | n/a | = | 40 | mg/L | SM 2320 B | 1.2 | 2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/14/2009 | BOD | n/a | = | 18 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/10/2009 | COD | n/a | = | 80 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Hardness as CaCO3 | Total | = | 50 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/10/2009 | MBAS | n/a | = | 0.089 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/18/2009 | Phenolics | n/a | = | 0.14 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/9/2009 | Specific Conductance | n/a | = | 140 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/12/2009 | Total Dissolved Solids | n/a | = | 91 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/23/2009 | Total Organic Carbon | n/a | = | 15 | mg/L | SM 5310 C | 0.32 | 3 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/12/2009 | Total Suspended Solids | n/a | = | 85 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/9/2009 | Turbidity | n/a | = | 26 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/12/2009 | Volatile Suspended Solids | n/a | = | 31 | mg/L | EPA 160.4 | 3.1 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Aluminum | Dissolved | = | 40 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Aluminum | Total | = | 1300 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Antimony | Dissolved | DNQ | 0.41 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Antimony | Total | DNQ | 0.47 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Arsenic | Dissolved | = | 1 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Arsenic | Total | = | 1.4 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Beryllium | Total | DNQ | 0.065 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Cadmium | Dissolved | DNQ | 0.031 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Cadmium | Total | = | 0.2 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Chromium | Dissolved | = | 0.72 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Chromium | Total | = | 3.3 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/10/2009 | Chromium VI | n/a | = | 0.7 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Copper | Dissolved | = | 4.6 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Copper | Total | = | 10 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Iron | Dissolved | = | 49 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Iron | Total | = | 1600 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Lead | Dissolved | = | 0.25 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Lead | Total | = | 6.1 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/18/2009 | Mercury | Dissolved | DNQ | 4 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/18/2009 | Mercury | Total | DNQ | 22 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Nickel | Dissolved | = | 2 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Nickel | Total | = | 6.1 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Selenium | Dissolved | DNQ | 0.071 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 7/2009 10:30:00 | 12/16/2009 | Selenium | Total | = | 0.74 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------------|-----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/16/2009 | Silver | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/16/2009 | Silver | Total | DNQ | 0.014 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/16/2009 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/16/2009 | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/16/2009 | Zinc | Dissolved | = | 19 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/16/2009 | Zinc | Total | = | 61 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/11/2009 | Ammonia as N | n/a | = | 0.37 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/9/2009 | Nitrate + Nitrite as N | n/a | = | 0.66 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/9/2009 | Nitrate as N | n/a | = | 0.66 | mg/L | EPA 353.2 | 0.022 | 0.1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/22/2009 | Phosphorus as P | Dissolved | = | 0.36 | mg/L | EPA 365.1 | 0.0028 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/22/2009 | Phosphorus as P | Total | = | 0.4 | mg/L | EPA 365.1 | 0.014 | 0.1 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/17/2009 | TKN | n/a | = | 1.7 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 1/5/2010 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 1/5/2010 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 1/5/2010 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 1/5/2010 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 1/5/2010 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/22/2009 | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/22/2009 | 2,4,6-Trichlorophenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/22/2009 | 2,4-Dichlorophenol | n/a | < | 0.51 | µg/L | EPA 8270Cm | 0.51 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/22/2009 | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/22/2009 | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 1/5/2010 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 1/5/2010 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 1/5/2010 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/22/2009 | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/22/2009 | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/22/2009 | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 1/5/2010 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/22/2009 | 3-/4-Methylphenol | n/a | DNQ | 0.39 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/22/2009 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 1/5/2010 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/22/2009 | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 1/5/2010 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/22/2009 | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/18/2009 | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/18/2009 | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/18/2009 | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/18/2009 | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 1/5/2010 | Benzidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/15/2009 | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/18/2009 | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/18/2009 | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/18/2009 | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 1/5/2010 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 1/5/2010 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 1/5/2010 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 1/2009 10:30:00 | 12/15/2009 | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|----------------------------|----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/15/2009 | Bis(2-ethylhexyl)phthalate | n/a | DNQ | 1.6 | µg/L | EPA 525.2 | 1.1 | 3 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 1/5/2010 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/18/2009 | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/18/2009 | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 1/5/2010 | Diethyl phthalate | n/a | DNQ | 0.28 | µg/L | EPA 625 | 0.23 | 2 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 1/5/2010 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 1/5/2010 | Di-n-butylphthalate | n/a | < | 0.53 | µg/L | EPA 625 | 0.53 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 1/5/2010 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/18/2009 | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/18/2009 | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 1/5/2010 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 1/5/2010 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 1/5/2010 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 1/5/2010 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/18/2009 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 1/5/2010 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/18/2009 | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 1/5/2010 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 1/5/2010 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 1/5/2010 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 1/5/2010 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/18/2009 | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/22/2009 | Phenol | n/a | < | 0.35 | µg/L | EPA 8270Cm | 0.35 | 1 | WKL | EUM |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/18/2009 | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/11/2009 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/11/2009 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/11/2009 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/11/2009 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/11/2009 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/11/2009 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/15/2009 | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | alpha-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/15/2009 | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/27/2009 | Azinphos methyl | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/11/2009 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/27/2009 | Bolstar | n/a | < | 0.0092 | µg/L | EPA 525.2 | 0.0092 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/15/2009 | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/15/2009 | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/15/2009 | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/11/2009 | Chloramben | n/a | < | 1 | µg/L | EPA 515.3 | 1 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/15/2009 | Chloropropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/27/2009 | Chlorpyrifos | n/a | < | 0.014 | µg/L | EPA 525.2 | 0.014 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/27/2009 | Coumaphos | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/15/2009 | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/11/2009 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/11/2009 | DCPA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/27/2009 | Demeton-O | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/27/2009 | Demeton-S | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/27/2009 | Diazinon | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/11/2009 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/11/2009 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/27/2009 | Dichlorvos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/27/2009 | Dimethoate | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/11/2009 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/15/2009 | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/27/2009 | Disulfoton | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/15/2009 | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/27/2009 | Ethoprop | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/27/2009 | Ethyl parathion | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/27/2009 | Fensulfothion | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/27/2009 | Fenthion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | gamma-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/15/2009 | Glyphosate | n/a | < | 3.6 | µg/L | EPA 547 | 3.6 | 10 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/27/2009 | Malathion | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D,IL |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/27/2009 | Merphos | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/17/2009 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/27/2009 | Methyl parathion | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/15/2009 | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2/2009 10:30:00 | 12/15/2009 | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|---------------|----------------|--------------------------------|-----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| MO-MEI | 2009/10-2 | Wet | 2009 10:30:00 | 12/27/2009 | Mevinphos | n/a | < | 0.0084 | µg/L | EPA 525.2 | 0.0084 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2009 10:30:00 | 12/17/2009 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2009 10:30:00 | 12/15/2009 | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2009 10:30:00 | 12/27/2009 | Naled | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2009 10:30:00 | 12/11/2009 | Pentachlorophenol | n/a | = | 0.43 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2009 10:30:00 | 12/27/2009 | Phorate | n/a | < | 0.006 | µg/L | EPA 525.2 | 0.006 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2009 10:30:00 | 12/11/2009 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2009 10:30:00 | 12/15/2009 | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2009 10:30:00 | 12/15/2009 | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2009 10:30:00 | 12/27/2009 | Ronnel (Fenchlorphos) | n/a | = | 0.22 | µg/L | EPA 525.2 | 0.0082 | 0.02 | WKL | D,IL |
| MO-MEI | 2009/10-2 | Wet | 2009 10:30:00 | 12/15/2009 | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2009 10:30:00 | 12/27/2009 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2009 10:30:00 | 12/15/2009 | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2009 10:30:00 | 12/15/2009 | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2009 10:30:00 | 12/27/2009 | Tokuthion | n/a | < | 0.016 | µg/L | EPA 525.2 | 0.016 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2009 10:30:00 | 12/17/2009 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| MO-MEI | 2009/10-2 | Wet | 2009 10:30:00 | 12/27/2009 | Trichloronate | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| MO-MEI | 2009/10-2 | Wet | 2009 10:30:00 | 12/15/2009 | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:00:00 | 2010 9:20:00 A | E. Coli | n/a | = | 4884 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | D |
| MO-MEI | 2009/10-3 | Wet | 2010 11:00:00 | 2010 9:20:00 A | Fecal Coliform | n/a | = | 5000 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:00:00 | 2010 9:20:00 A | Total Coliform | n/a | = | 198630 | MPN/100 mL | MMO-MUG | 100 | 100 | VCHCA | D |
| MO-MEI | 2009/10-3 | Wet | 2010 11:00:00 | 2/17/2010 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:00:00 | 2010 5:00:00 P | pH | n/a | = | 7.7 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | BV |
| MO-MEI | 2009/10-3 | Wet | 2010 11:00:00 | 2/17/2010 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:00:00 | 2/17/2010 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:00:00 | 2/19/2010 | Mercury | Total | DNQ | 44 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:00:00 | 2/9/2010 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:00:00 | 2/9/2010 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Chloride | n/a | = | 17 | mg/L | EPA 300.0 | 0.079 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Fluoride | n/a | DNQ | 0.064 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/10/2010 | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/12/2010 | Calcium | Total | = | 20 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/12/2010 | Magnesium | Total | = | 10 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/11/2010 | Alkalinity as CaCO3 | n/a | = | 67 | mg/L | SM 2320 B | 1.2 | 2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/16/2010 | BOD | n/a | = | 7.3 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/11/2010 | COD | n/a | = | 44 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/12/2010 | Hardness as CaCO3 | Total | = | 92 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/8/2010 | MBAS | n/a | DNQ | 0.033 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/19/2010 | Phenolics | n/a | DNQ | 0.008 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/9/2010 | Specific Conductance | n/a | = | 250 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/13/2010 | Total Dissolved Solids | n/a | = | 160 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Total Organic Carbon | n/a | = | 10 | mg/L | SM 5310 C | 0.26 | 2.4 | WKL | D |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/13/2010 | Total Suspended Solids | n/a | = | 120 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/8/2010 | Turbidity | n/a | = | 110 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/13/2010 | Volatile Suspended Solids | n/a | = | 22 | mg/L | EPA 160.4 | 3.1 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Aluminum | Dissolved | = | 270 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Aluminum | Total | = | 4400 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Antimony | Dissolved | DNQ | 0.25 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|---------------|---------------|------------------------|-----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Antimony | Total | DNQ | 0.34 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Arsenic | Dissolved | = | 1.6 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Arsenic | Total | = | 2.2 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Beryllium | Total | = | 0.16 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Cadmium | Dissolved | DNQ | 0.02 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Cadmium | Total | = | 0.13 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Chromium | Dissolved | = | 0.97 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Chromium | Total | = | 11 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/10/2010 | Chromium VI | n/a | DNQ | 0.21 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/19/2010 | Copper | Dissolved | = | 6.4 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Copper | Total | = | 15 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Iron | Dissolved | = | 250 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Iron | Total | = | 5200 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Lead | Dissolved | = | 0.27 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Lead | Total | = | 5.1 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/16/2010 | Mercury | Dissolved | < | 7.8 | ng/L | EPA 245.1 | 7.8 | 100 | WKL | RE,D |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/16/2010 | Mercury | Total | DNQ | 32 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Nickel | Dissolved | = | 3.2 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Nickel | Total | = | 20 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Selenium | Dissolved | DNQ | 0.31 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Selenium | Total | = | 0.41 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Silver | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Silver | Total | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Zinc | Dissolved | = | 12 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Zinc | Total | = | 50 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Ammonia as N | n/a | = | 0.25 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/8/2010 | Nitrate + Nitrite as N | n/a | = | 1.5 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/8/2010 | Nitrate as N | n/a | = | 1.3 | mg/L | EPA 353.2 | 0.022 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Phosphorus as P | Dissolved | = | 0.86 | mg/L | EPA 365.1 | 0.007 | 0.05 | WKL | D |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/18/2010 | Phosphorus as P | Total | = | 1 | mg/L | EPA 365.1 | 0.014 | 0.1 | WKL | D |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/12/2010 | TKN | n/a | = | 2.4 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | 2,4,6-Trichlorophenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | 2,4-Dichlorophenol | n/a | < | 0.51 | µg/L | EPA 8270Cm | 0.51 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|---------------|---------------|-----------------------------|----------|------|--------|-------|------------|-------|-----------------|----------------------|-----------|
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | 3-/4-Methylphenol | n/a | DNQ | 0.36 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/16/2010 | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/16/2010 | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/16/2010 | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/16/2010 | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | Benidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/16/2010 | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/16/2010 | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/16/2010 | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Bis(2-ethylhexyl)phthalate | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 3 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/16/2010 | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/16/2010 | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | Di-n-butylphthalate | n/a | DNQ | 0.66 | µg/L | EPA 625 | 0.53 | 5 | WKL | EUM |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/16/2010 | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/16/2010 | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/16/2010 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/16/2010 | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/20/2010 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/16/2010 | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Phenol | n/a | < | 0.35 | µg/L | EPA 8270Cm | 0.35 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/16/2010 | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|---------------|---------------|--------------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/23/2010 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/23/2010 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/23/2010 | 2,4-D | n/a | DNQ | 0.36 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/23/2010 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/23/2010 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/23/2010 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | alpha-Chlordane | n/a | < | 0.0013 | µg/L | EPA 608 | 0.0013 | 0.01 | WKL | EUM |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Azinphos methyl | n/a | < | 0.0055 | µg/L | EPA 525.2 | 0.0055 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/23/2010 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Bolstar | n/a | < | 0.0046 | µg/L | EPA 525.2 | 0.0046 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Chloropropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Chlorpyrifos | n/a | < | 0.0069 | µg/L | EPA 525.2 | 0.0069 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Coumaphos | n/a | < | 0.0051 | µg/L | EPA 525.2 | 0.0051 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/23/2010 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/23/2010 | DCEPA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Demeton-O | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Demeton-S | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Diazinon | n/a | < | 0.0052 | µg/L | EPA 525.2 | 0.0052 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/23/2010 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/23/2010 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Dichlorvos | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Dimethoate | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/23/2010 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Disulfoton | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|---------------|-------------------------------|----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Ethoprop | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Ethyl parathion | n/a | < | 0.0054 | µg/L | EPA 525.2 | 0.0054 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Fensulfothion | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Fenthion | n/a | < | 0.0038 | µg/L | EPA 525.2 | 0.0038 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | gamma-Chlordane | n/a | < | 0.0014 | µg/L | EPA 608 | 0.0014 | 0.01 | WKL | EUM |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/8/2010 | Glyphosate | n/a | DNQ | 4.2 | µg/L | EPA 547 | 1.8 | 5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Malathion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | IL |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Merphos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Methyl parathion | n/a | < | 0.0063 | µg/L | EPA 525.2 | 0.0063 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Mevinphos | n/a | < | 0.0042 | µg/L | EPA 525.2 | 0.0042 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Naled | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/23/2010 | Pentachlorophenol | n/a | = | 0.21 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Phorate | n/a | < | 0.003 | µg/L | EPA 525.2 | 0.003 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/23/2010 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Ronnel (Fenchlorphos) | n/a | < | 0.0041 | µg/L | EPA 525.2 | 0.0041 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0031 | µg/L | EPA 525.2 | 0.0031 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Tokuthion | n/a | < | 0.0078 | µg/L | EPA 525.2 | 0.0078 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/4/2010 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 3/3/2010 | Trichloronate | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| MO-MEI | 2009/10-3 | Wet | 2010 11:20:00 | 2/17/2010 | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 7/2010 9:15:00 | 2010 11:30:00 | E. Coli | n/a | = | 233 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| MO-MEI | 2009/10-4 | Dry | 7/2010 9:15:00 | 2010 1:45:00 | Fecal Coliform | n/a | = | 240 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| MO-MEI | 2009/10-4 | Dry | 7/2010 9:15:00 | 2010 1:45:00 | Total Coliform | n/a | = | 2909 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| MO-MEI | 2009/10-4 | Dry | 7/2010 9:15:00 | 3/26/2010 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 7/2010 9:15:00 | 2010 4:00:00 | pH | n/a | = | 8.42 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | BV |
| MO-MEI | 2009/10-4 | Dry | 7/2010 9:15:00 | 3/23/2010 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 7/2010 9:15:00 | 3/23/2010 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 7/2010 9:15:00 | 3/24/2010 | Mercury | Total | DNQ | 15 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 7/2010 9:15:00 | 3/20/2010 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|----------------|--------------------------------|-----------|------|--------|----------|-----------|--------|-----------------|----------------------|-----------|
| MO-MEI | 2009/10-4 | Dry | 7/2010 9:15:00 | 3/20/2010 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/24/2010 | Chloride | n/a | = | 100 | mg/L | EPA 300.0 | 0.79 | 5 | WKL | D |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/23/2010 | Fluoride | n/a | = | 0.26 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/31/2010 | Perchlorate | n/a | < | 1.6 | µg/L | EPA 314.0 | 1.6 | 4 | WKL | D |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/26/2010 | Calcium | Total | = | 45 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/26/2010 | Magnesium | Total | = | 110 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | Alkalinity as CaCO3 | n/a | = | 320 | mg/L | SM 2320 B | 1.2 | 10 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/24/2010 | BOD | n/a | = | 2.8 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/23/2010 | COD | n/a | = | 37 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/26/2010 | Hardness as CaCO3 | Total | = | 550 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 8/2010 5:53:00 | MBAS | n/a | = | 0.082 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/31/2010 | Phenolics | n/a | = | 0.058 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | Specific Conductance | n/a | = | 1200 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | Total Dissolved Solids | n/a | = | 780 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/24/2010 | Total Organic Carbon | n/a | = | 9.2 | mg/L | SM 5310 C | 0.32 | 3 | WKL | D |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | Total Suspended Solids | n/a | < | 5 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/19/2010 | Turbidity | n/a | = | 1.2 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/23/2010 | Volatile Suspended Solids | n/a | < | 3.1 | mg/L | EPA 160.4 | 3.1 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Aluminum | Dissolved | DNQ | 4.2 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Aluminum | Total | = | 22 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Antimony | Dissolved | DNQ | 0.2 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Antimony | Total | DNQ | 0.19 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Arsenic | Dissolved | = | 1.8 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Arsenic | Total | = | 1.8 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Beryllium | Total | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Cadmium | Dissolved | DNQ | 0.013 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Cadmium | Total | DNQ | 0.019 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Chromium | Dissolved | = | 0.37 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Chromium | Total | = | 0.35 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/19/2010 | Chromium VI | n/a | = | 0.33 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Copper | Dissolved | = | 2.6 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Copper | Total | = | 2.6 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Iron | Dissolved | DNQ | 12 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Iron | Total | = | 29 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Lead | Dissolved | DNQ | 0.028 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Lead | Total | DNQ | 0.05 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Mercury | Dissolved | DNQ | 48 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Mercury | Total | DNQ | 48 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Nickel | Dissolved | = | 5.6 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Nickel | Total | = | 5.7 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Selenium | Dissolved | = | 0.51 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Selenium | Total | = | 0.59 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Silver | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Silver | Total | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Zinc | Dissolved | DNQ | 2.9 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|---------------|-----------------------------|-----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Zinc | Total | DNQ | 1.7 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/1/2010 | Ammonia as N | n/a | = | 0.21 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/19/2010 | Nitrate + Nitrite as N | n/a | = | 1.2 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/19/2010 | Nitrate as N | n/a | = | 0.95 | mg/L | EPA 353.2 | 0.022 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/29/2010 | Phosphorus as P | Dissolved | = | 0.013 | mg/L | EPA 365.1 | 0.0014 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/29/2010 | Phosphorus as P | Total | = | 0.024 | mg/L | EPA 365.1 | 0.0014 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | TKN | n/a | = | 1.2 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | GB |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | 2,4,6-Trichlorophenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | 2,4-Dichlorophenol | n/a | < | 0.51 | µg/L | EPA 8270Cm | 0.51 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | 3-/4-Methylphenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | Benidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Bis(2-ethylhexyl)phthalate | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 3 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|---------------|---------------------------|----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | Di-n-butylphthalate | n/a | < | 0.53 | µg/L | EPA 625 | 0.53 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Phenol | n/a | DNQ | 0.73 | µg/L | EPA 8270Cm | 0.35 | 1 | WKL | EUM |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/26/2010 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/26/2010 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/26/2010 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/26/2010 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/26/2010 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/26/2010 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | alpha-Chlordane | n/a | < | 0.0041 | µg/L | EPA 608 | 0.0041 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Azinphos methyl | n/a | < | 0.0055 | µg/L | EPA 525.2 | 0.0055 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/26/2010 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Bolstar | n/a | < | 0.0046 | µg/L | EPA 525.2 | 0.0046 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|---------------|-----------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Chloropropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Chlorpyrifos | n/a | < | 0.0069 | µg/L | EPA 525.2 | 0.0069 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Coumaphos | n/a | < | 0.0051 | µg/L | EPA 525.2 | 0.0051 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/26/2010 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/26/2010 | DCPA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Demeton-O | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Demeton-S | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Diazinon | n/a | < | 0.0052 | µg/L | EPA 525.2 | 0.0052 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/26/2010 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/26/2010 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Dichlorvos | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Dimethoate | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/26/2010 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Disulfoton | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Ethoprop | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Ethyl parathion | n/a | < | 0.0054 | µg/L | EPA 525.2 | 0.0054 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Fensulfothion | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Fenthion | n/a | < | 0.0038 | µg/L | EPA 525.2 | 0.0038 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | gamma-Chlordane | n/a | < | 0.0044 | µg/L | EPA 608 | 0.0044 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/22/2010 | Glyphosate | n/a | < | 1.8 | µg/L | EPA 547 | 1.8 | 5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Malathion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Merphos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Methyl parathion | n/a | < | 0.0063 | µg/L | EPA 525.2 | 0.0063 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Mevinphos | n/a | < | 0.0042 | µg/L | EPA 525.2 | 0.0042 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Naled | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/26/2010 | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Phorate | n/a | < | 0.003 | µg/L | EPA 525.2 | 0.003 | 0.01 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|----------------|--------------------------------|-----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/26/2010 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Ronnel (Fenclorophos) | n/a | < | 0.0041 | µg/L | EPA 525.2 | 0.0041 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0031 | µg/L | EPA 525.2 | 0.0031 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Tokuthion | n/a | < | 0.0078 | µg/L | EPA 525.2 | 0.0078 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/30/2010 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 4/12/2010 | Trichloronate | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| MO-MEI | 2009/10-4 | Dry | 8/2010 9:40:00 | 3/25/2010 | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 3/2009 8:50:00 | 4/2009 8:10:00 | E. Coli | n/a | = | 241920 | MPN/100 mL | MMO-MUG | 1000 | 1000 | VCHCA | D |
| MO-OJA | 2009/10-1 | Wet | 3/2009 8:50:00 | 5/2009 2:20:00 | Enterococcus | n/a | = | 8310 | MPN/100 mL | Enterolert | 1000 | 1000 | VCHCA | D |
| MO-OJA | 2009/10-1 | Wet | 3/2009 8:50:00 | 8/2009 1:25:00 | Fecal Coliform | n/a | = | 160000 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| MO-OJA | 2009/10-1 | Wet | 3/2009 8:50:00 | 8/2009 1:25:00 | Total Coliform | n/a | = | 241920 | MPN/100 mL | MMO-MUG | 1000 | 1000 | VCHCA | D |
| MO-OJA | 2009/10-1 | Wet | 3/2009 8:50:00 | 10/22/2009 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 3/2009 8:50:00 | 10/15/2009 | pH | n/a | = | 7.06 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 3/2009 8:50:00 | 10/16/2009 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 3/2009 8:50:00 | 10/21/2009 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 3/2009 8:50:00 | 10/22/2009 | Mercury | Total | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 3/2009 8:50:00 | 10/15/2009 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 3/2009 8:50:00 | 10/15/2009 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/17/2009 | Chloride | n/a | = | 100 | mg/L | EPA 300.0 | 0.79 | 5 | WKL | D |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/17/2009 | Fluoride | n/a | = | 0.14 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/16/2009 | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/21/2009 | Calcium | Total | = | 64 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/21/2009 | Magnesium | Total | = | 18 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/19/2009 | Alkalinity as CaCO3 | n/a | = | 83 | mg/L | SM 2320 B | -88 | 2 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | BOD | n/a | = | 11 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/17/2009 | COD | n/a | = | 39 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/21/2009 | Hardness as CaCO3 | Total | = | 240 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/15/2009 | MBAS | n/a | = | 0.085 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/26/2009 | Phenolics | n/a | = | 0.038 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 11/11/2009 | Specific Conductance | n/a | = | 680 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 4/2009 5:12:00 | Total Chlorine Residual | n/a | < | 0.0016 | mg/L | SM 4500-Cl G | 0.0016 | 0.05 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | Total Dissolved Solids | n/a | = | 390 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Total Organic Carbon | n/a | = | 8.5 | mg/L | SM 5310 C | 0.13 | 1.2 | WKL | D |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/19/2009 | Total Suspended Solids | n/a | = | 58 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/15/2009 | Turbidity | n/a | = | 15 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/19/2009 | Volatile Suspended Solids | n/a | = | 13 | mg/L | EPA 160.4 | -88 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Aluminum | Dissolved | = | 8.9 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Aluminum | Total | = | 2000 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Antimony | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Antimony | Total | = | 0.82 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Arsenic | Dissolved | = | 1.1 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Arsenic | Total | = | 1.8 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Barium | Dissolved | = | 28 | µg/L | EPA 200.8 | 0.024 | 0.5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|----------------------------|-----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Barium | Total | = | 50 | µg/L | EPA 200.8 | 0.024 | 0.5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Beryllium | Total | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Cadmium | Dissolved | DNQ | 0.1 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Cadmium | Total | = | 0.34 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Chromium | Dissolved | = | 0.32 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Chromium | Total | = | 3.9 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/16/2009 | Chromium VI | n/a | DNQ | 0.3 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Copper | Dissolved | = | 3.2 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Copper | Total | = | 10 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Iron | Dissolved | < | 0.6 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Iron | Total | = | 2500 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Lead | Dissolved | < | 0.017 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Lead | Total | = | 5.4 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/22/2009 | Mercury | Dissolved | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/22/2009 | Mercury | Total | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Nickel | Dissolved | = | 2 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Nickel | Total | = | 6 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Selenium | Dissolved | = | 1.5 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Selenium | Total | = | 2.1 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Silver | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Silver | Total | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Zinc | Dissolved | = | 21 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Zinc | Total | = | 63 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/27/2009 | Ammonia as N | n/a | = | 0.16 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/15/2009 | Nitrate + Nitrite as N | n/a | = | 0.6 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/15/2009 | Nitrate as N | n/a | = | 0.6 | mg/L | EPA 353.2 | 0.022 | 0.1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Phosphorus as P | Dissolved | = | 0.19 | mg/L | EPA 365.1 | 0.0028 | 0.02 | WKL | D |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Phosphorus as P | Total | = | 0.39 | mg/L | EPA 365.1 | 0.0028 | 0.02 | WKL | D |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/26/2009 | TKN | n/a | = | 0.91 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | 2,4,6-Trichlorophenol | n/a | < | 0.88 | µg/L | EPA 625 | 0.88 | 10 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | 2,4-Dichlorophenol | n/a | < | 0.77 | µg/L | EPA 625 | 0.77 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | 2,4-Dimethylphenol | n/a | < | 0.8 | µg/L | EPA 625 | 0.8 | 2 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | 2,4-Dinitrophenol | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | 2-Chlorophenol | n/a | < | 0.71 | µg/L | EPA 625 | 0.71 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | 2-Nitrophenol | n/a | < | 0.84 | µg/L | EPA 625 | 0.84 | 10 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------------|----------|------|--------|-------|-----------|-------|-----------------|----------------------|-----------|
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | 4-Chloro-3-methylphenol | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | 4-Nitrophenol | n/a | < | 6.7 | µg/L | EPA 625 | 6.7 | 10 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Acenaphthene | n/a | < | 0.31 | µg/L | EPA 625 | 0.31 | 1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Acenaphthylene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Anthracene | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Benz(a)anthracene | n/a | < | 0.19 | µg/L | EPA 625 | 0.19 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Benidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | Benzo(a)pyrene | n/a | < | 0.082 | µg/L | EPA 525.2 | 0.082 | 0.11 | WKL | EUM,IL |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Benzo(b)fluoranthene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Benzo(g,h,i)perylene | n/a | < | 0.31 | µg/L | EPA 625 | 0.31 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Benzo(k)fluoranthene | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 10 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | Bis(2-ethylhexyl)adipate | n/a | < | 0.26 | µg/L | EPA 525.2 | 0.26 | 5.6 | WKL | EUM,IL |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | Bis(2-ethylhexyl)phthalate | n/a | < | 1.2 | µg/L | EPA 525.2 | 1.2 | 3.4 | WKL | EUM,IL |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Chrysene | n/a | < | 0.25 | µg/L | EPA 625 | 0.25 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Dibenz(a,h)anthracene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 10 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Di-n-butylphthalate | n/a | < | 0.53 | µg/L | EPA 625 | 0.53 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Fluoranthene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Fluorene | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | IL |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 10 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Naphthalene | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Phenanthrene | n/a | < | 0.25 | µg/L | EPA 625 | 0.25 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Phenol | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/24/2009 | Pyrene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|--------------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/16/2009 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/16/2009 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/16/2009 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/16/2009 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/16/2009 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/16/2009 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | Alachlor | n/a | < | 0.079 | µg/L | EPA 525.2 | 0.079 | 0.11 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | alpha-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | Atrazine | n/a | < | 0.053 | µg/L | EPA 525.2 | 0.053 | 0.11 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Azinphos methyl | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.02 | WKL | D,EUM |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/16/2009 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | EU |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Bolstar | n/a | < | 0.0092 | µg/L | EPA 525.2 | 0.0092 | 0.02 | WKL | D |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | Bromacil | n/a | < | 1 | µg/L | EPA 525.2 | 1 | 1.1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | Butachlor | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.23 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | Captan | n/a | < | 0.97 | µg/L | EPA 525.2 | 0.97 | 1.1 | WKL | IL |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/16/2009 | Chloramben | n/a | < | 1 | µg/L | EPA 515.3 | -88 | 1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | Chlorpropham | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.11 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Chlorpyrifos | n/a | < | 0.014 | µg/L | EPA 525.2 | 0.014 | 0.02 | WKL | D |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Coumaphos | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D,EUM |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | Cyanazine | n/a | < | 0.023 | µg/L | EPA 525.2 | 0.023 | 0.11 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/16/2009 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/16/2009 | DCPA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Demeton-O | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Demeton-S | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Diazinon | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/16/2009 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/16/2009 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Dichlorvos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Dimethoate | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/16/2009 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | Diphenamid | n/a | < | 0.023 | µg/L | EPA 525.2 | 0.023 | 0.11 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Disulfoton | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|--------------------------------|----------|------|---------|------------|--------------|--------|-----------------|----------------------|-----------|
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | EPTC | n/a | < | 0.26 | µg/L | EPA 525.2 | 0.26 | 1.1 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Ethoprop | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D,EUM |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Ethyl parathion | n/a | < | 0.0002 | µg/L | EPA 525.2 | 0.0002 | 0.02 | WKL | D |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Fensulfothion | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Fenthion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.02 | WKL | D,EUM |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | gamma-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/16/2009 | Glyphosate | n/a | = | 7 | µg/L | EPA 547m | 1.8 | 5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Malathion | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D,EUM |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Merphos | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Methyl parathion | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | Metolachlor | n/a | < | 0.063 | µg/L | EPA 525.2 | 0.063 | 0.11 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | Metribuzin | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.11 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Mevinphos | n/a | < | 0.0084 | µg/L | EPA 525.2 | 0.0084 | 0.02 | WKL | D,EUM |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | Molinate | n/a | < | 0.057 | µg/L | EPA 525.2 | 0.057 | 0.11 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Naled | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/16/2009 | Pentachlorophenol | n/a | = | 0.26 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Phorate | n/a | < | 0.006 | µg/L | EPA 525.2 | 0.006 | 0.02 | WKL | D |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/16/2009 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | Prometon | n/a | < | 0.18 | µg/L | EPA 525.2 | 0.18 | 0.23 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | Prometryn | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.11 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Ronnel (Fenchlorphos) | n/a | < | 0.0082 | µg/L | EPA 525.2 | 0.0082 | 0.02 | WKL | D,EUM |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | Simazine | n/a | < | 0.093 | µg/L | EPA 525.2 | 0.093 | 0.11 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.02 | WKL | D |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | Terbacil | n/a | < | 0.62 | µg/L | EPA 525.2 | 0.62 | 2.3 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | Thiobencarb | n/a | < | 0.12 | µg/L | EPA 525.2 | 0.12 | 0.23 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Tokuthion | n/a | < | 0.016 | µg/L | EPA 525.2 | 0.016 | 0.02 | WKL | D,EUM |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/23/2009 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/29/2009 | Trichloronate | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| MO-OJA | 2009/10-1 | Wet | 4/2009 12:20:00 | 10/20/2009 | Trithion | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.11 | WKL | EUM |
| MO-OJA | 2009/10-2 | Wet | 12/7/2009 | 12/8/2009 | E. Coli | n/a | = | 8164 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| MO-OJA | 2009/10-2 | Wet | 12/7/2009 | 12/10/2009 | Fecal Coliform | n/a | = | 30000 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| MO-OJA | 2009/10-2 | Wet | 12/7/2009 | 12/8/2009 | Total Coliform | n/a | = | 4611000 | MPN/100 mL | MMO-MUG | 10000 | 10000 | VCHCA | X |
| MO-OJA | 2009/10-2 | Wet | 7/2009 1:45:00 | 12/18/2009 | Cyanide | Total | = | 0.0072 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 7/2009 1:45:00 | 12/8/2009 | pH | n/a | = | 7.29 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 7/2009 1:45:00 | 12/22/2009 | Oil and Grease | n/a | DNQ | 3.4 | mg/L | EPA 1664A | 2 | 5 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 7/2009 1:45:00 | 12/22/2009 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 7/2009 1:45:00 | 12/18/2009 | Mercury | Total | DNQ | 11 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 7/2009 1:45:00 | 12/9/2009 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 7/2009 1:45:00 | 12/9/2009 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 7/2009 10:00:00 | 12/11/2009 | Chloride | n/a | = | 74 | mg/L | EPA 300.0 | 0.079 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 7/2009 10:00:00 | 12/11/2009 | Fluoride | n/a | = | 0.13 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 7/2009 10:00:00 | 12/11/2009 | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|---------------------------|-----------|------|--------|----------|-----------|--------|-----------------|----------------------|-----------|
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Calcium | Total | = | 54 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Magnesium | Total | = | 15 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/10/2009 | Alkalinity as CaCO3 | n/a | = | 97 | mg/L | SM 2320 B | 1.2 | 2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/14/2009 | BOD | n/a | = | 8.8 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/10/2009 | COD | n/a | = | 47 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Hardness as CaCO3 | Total | = | 200 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/10/2009 | MBAS | n/a | = | 0.072 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/18/2009 | Phenolics | n/a | = | 0.063 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/9/2009 | Specific Conductance | n/a | = | 600 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/12/2009 | Total Dissolved Solids | n/a | = | 390 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/23/2009 | Total Organic Carbon | n/a | = | 7.9 | mg/L | SM 5310 C | 0.16 | 1.5 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/12/2009 | Total Suspended Solids | n/a | = | 160 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/9/2009 | Turbidity | n/a | = | 30 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/12/2009 | Volatile Suspended Solids | n/a | = | 58 | mg/L | EPA 160.4 | 3.1 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Aluminum | Dissolved | = | 23 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Aluminum | Total | = | 1700 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Antimony | Dissolved | DNQ | 0.43 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Antimony | Total | = | 0.77 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Arsenic | Dissolved | = | 1.1 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Arsenic | Total | = | 1.6 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Beryllium | Total | DNQ | 0.059 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Cadmium | Dissolved | DNQ | 0.066 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Cadmium | Total | = | 0.25 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Chromium | Dissolved | = | 0.53 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Chromium | Total | = | 4.1 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/10/2009 | Chromium VI | n/a | = | 0.48 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Copper | Dissolved | = | 3.7 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Copper | Total | = | 11 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Iron | Dissolved | = | 27 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Iron | Total | = | 2200 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Lead | Dissolved | = | 0.25 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Lead | Total | = | 5.7 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/18/2009 | Mercury | Dissolved | DNQ | 5 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/18/2009 | Mercury | Total | DNQ | 20 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Nickel | Dissolved | = | 2 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Nickel | Total | = | 5.3 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Selenium | Dissolved | = | 1 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Selenium | Total | = | 1.8 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Silver | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Silver | Total | DNQ | 0.058 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Thallium | Total | DNQ | 0.023 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Zinc | Dissolved | = | 22 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/16/2009 | Zinc | Total | = | 66 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/11/2009 | Ammonia as N | n/a | = | 0.21 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/9/2009 | Nitrate + Nitrite as N | n/a | = | 0.68 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 1/2009 10:00:00 | 12/9/2009 | Nitrate as N | n/a | = | 0.68 | mg/L | EPA 353.2 | 0.022 | 0.1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------------|-----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/22/2009 | Phosphorus as P | Dissolved | = | 0.36 | mg/L | EPA 365.1 | 0.0028 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/22/2009 | Phosphorus as P | Total | = | 0.41 | mg/L | EPA 365.1 | 0.014 | 0.1 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | TKN | n/a | = | 0.66 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/22/2009 | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/22/2009 | 2,4,6-Trichlorophenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/22/2009 | 2,4-Dichlorophenol | n/a | < | 0.51 | µg/L | EPA 8270Cm | 0.51 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/22/2009 | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/22/2009 | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/22/2009 | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/22/2009 | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/22/2009 | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/22/2009 | 3-/4-Methylphenol | n/a | DNQ | 0.38 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/22/2009 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/22/2009 | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/22/2009 | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/18/2009 | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/18/2009 | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/18/2009 | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/18/2009 | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | Benzdine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/15/2009 | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/18/2009 | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/18/2009 | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/18/2009 | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/15/2009 | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/15/2009 | Bis(2-ethylhexyl)phthalate | n/a | DNQ | 1.6 | µg/L | EPA 525.2 | 1.1 | 3 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/18/2009 | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/18/2009 | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | Diethyl phthalate | n/a | DNQ | 0.28 | µg/L | EPA 625 | 0.23 | 2 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | Di-n-butylphthalate | n/a | < | 0.53 | µg/L | EPA 625 | 0.53 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/18/2009 | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|---------------------------|----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/18/2009 | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/18/2009 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/18/2009 | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 1/5/2010 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/18/2009 | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/22/2009 | Phenol | n/a | < | 0.35 | µg/L | EPA 8270Cm | 0.35 | 1 | WKL | EUM |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/18/2009 | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/11/2009 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/11/2009 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/11/2009 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/11/2009 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/11/2009 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/11/2009 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/15/2009 | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | alpha-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/15/2009 | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Azinphos methyl | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/11/2009 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Bolstar | n/a | < | 0.0092 | µg/L | EPA 525.2 | 0.0092 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/15/2009 | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/15/2009 | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/15/2009 | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/11/2009 | Chloramben | n/a | < | 1 | µg/L | EPA 515.3 | 1 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|---------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/15/2009 | Chloropropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Chlorpyrifos | n/a | < | 0.014 | µg/L | EPA 525.2 | 0.014 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Coumaphos | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/15/2009 | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/11/2009 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/11/2009 | DCPA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Demeton-O | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Demeton-S | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Diazinon | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/11/2009 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/11/2009 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Dichlorvos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Dimethoate | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/11/2009 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/15/2009 | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Disulfoton | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/15/2009 | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Ethoprop | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Ethyl parathion | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Fensulfothion | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Fenthion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | gamma-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/14/2009 | Glyphosate | n/a | = | 20 | µg/L | EPA 547 | 1.8 | 5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Malathion | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D,IL |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Merphos | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Methyl parathion | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/15/2009 | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/15/2009 | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Mevinphos | n/a | < | 0.0084 | µg/L | EPA 525.2 | 0.0084 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/15/2009 | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Naled | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/11/2009 | Pentachlorophenol | n/a | = | 0.26 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Phorate | n/a | < | 0.006 | µg/L | EPA 525.2 | 0.006 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/11/2009 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/15/2009 | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/15/2009 | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|------------------|--------------------------------|-----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Ronnel (Fenchlorphos) | n/a | = | 0.12 | µg/L | EPA 525.2 | 0.0082 | 0.02 | WKL | D,IL |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/15/2009 | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/15/2009 | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/15/2009 | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Tokuthion | n/a | < | 0.016 | µg/L | EPA 525.2 | 0.016 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/17/2009 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/27/2009 | Trichloronate | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| MO-OJA | 2009/10-2 | Wet | 2/2009 10:00:00 | 12/15/2009 | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 10:15:00 | 2/2010 9:20:00 A | E. Coli | n/a | = | 1576 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | D |
| MO-OJA | 2009/10-3 | Wet | 2010 10:15:00 | 2/2010 2:32:00 P | Fecal Coliform | n/a | = | 3000 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | D |
| MO-OJA | 2009/10-3 | Wet | 2010 10:15:00 | 2/2010 9:20:00 A | Total Coliform | n/a | = | 104620 | MPN/100 mL | MMO-MUG | 100 | 100 | VCHCA | D |
| MO-OJA | 2009/10-3 | Wet | 2010 10:15:00 | 2/17/2010 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 10:15:00 | 2/2010 5:00:00 P | pH | n/a | = | 7.66 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | BV |
| MO-OJA | 2009/10-3 | Wet | 2010 10:15:00 | 2/17/2010 | Oil and Grease | n/a | DNQ | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 10:15:00 | 2/17/2010 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 10:15:00 | 2/19/2010 | Mercury | Total | DNQ | 42 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 10:15:00 | 2/9/2010 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 10:15:00 | 2/9/2010 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Chloride | n/a | = | 130 | mg/L | EPA 300.0 | 0.79 | 5 | WKL | D |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Fluoride | n/a | = | 0.22 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/10/2010 | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/12/2010 | Calcium | Total | = | 110 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/12/2010 | Magnesium | Total | = | 31 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/9/2010 | Alkalinity as CaCO3 | n/a | = | 210 | mg/L | SM 2320 B | 1.2 | 2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/16/2010 | BOD | n/a | = | 3.1 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/11/2010 | COD | n/a | = | 21 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/12/2010 | Hardness as CaCO3 | Total | = | 390 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/8/2010 | MBAS | n/a | = | 0.081 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/19/2010 | Phenolics | n/a | = | 0.11 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/9/2010 | Specific Conductance | n/a | = | 1100 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/13/2010 | Total Dissolved Solids | n/a | = | 700 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Total Organic Carbon | n/a | = | 3.3 | mg/L | SM 5310 C | 0.064 | 0.6 | WKL | D |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/13/2010 | Total Suspended Solids | n/a | = | 90 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/8/2010 | Turbidity | n/a | = | 61 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/13/2010 | Volatile Suspended Solids | n/a | = | 15 | mg/L | EPA 160.4 | 3.1 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Aluminum | Dissolved | = | 16 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Aluminum | Total | = | 2100 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Antimony | Dissolved | DNQ | 0.2 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Antimony | Total | DNQ | 0.43 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Arsenic | Dissolved | = | 1.1 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Arsenic | Total | = | 1.7 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Beryllium | Total | DNQ | 0.08 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Cadmium | Dissolved | DNQ | 0.05 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Cadmium | Total | = | 0.18 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Chromium | Dissolved | = | 0.42 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Chromium | Total | = | 4 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|---------------|---------------|-----------------------------|-----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/10/2010 | Chromium VI | n/a | DNQ | 0.22 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/19/2010 | Copper | Dissolved | = | 2.8 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Copper | Total | = | 10 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Iron | Dissolved | = | 25 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Iron | Total | = | 3000 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Lead | Dissolved | DNQ | 0.1 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Lead | Total | = | 4 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/16/2010 | Mercury | Dissolved | DNQ | 25 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/16/2010 | Mercury | Total | DNQ | 32 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Nickel | Dissolved | = | 0.85 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Nickel | Total | = | 4.5 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Selenium | Dissolved | = | 0.8 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Selenium | Total | = | 0.9 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Silver | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Silver | Total | DNQ | 0.04 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Zinc | Dissolved | = | 11 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Zinc | Total | = | 43 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Ammonia as N | n/a | < | 0.048 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/8/2010 | Nitrate + Nitrite as N | n/a | = | 0.89 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/8/2010 | Nitrate as N | n/a | = | 0.89 | mg/L | EPA 353.2 | 0.022 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Phosphorus as P | Dissolved | = | 0.15 | mg/L | EPA 365.1 | 0.0014 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/18/2010 | Phosphorus as P | Total | = | 0.23 | mg/L | EPA 365.1 | 0.0028 | 0.02 | WKL | D |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/12/2010 | TKN | n/a | = | 0.76 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | 2,4,6-Trichlorophenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | 2,4-Dichlorophenol | n/a | < | 0.51 | µg/L | EPA 8270Cm | 0.51 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | 3-/4-Methylphenol | n/a | DNQ | 0.38 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|---------------|---------------|-----------------------------|----------|------|--------|-------|------------|-------|-----------------|----------------------|-----------|
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/16/2010 | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/16/2010 | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/16/2010 | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/16/2010 | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | Benidine | n/a | DNQ | 0.71 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/16/2010 | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/16/2010 | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/16/2010 | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Bis(2-ethylhexyl)phthalate | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 3 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/16/2010 | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/16/2010 | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | Di-n-butylphthalate | n/a | DNQ | 0.74 | µg/L | EPA 625 | 0.53 | 5 | WKL | EUM |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/16/2010 | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/16/2010 | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/16/2010 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/16/2010 | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/20/2010 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/16/2010 | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Phenol | n/a | < | 0.35 | µg/L | EPA 8270Cm | 0.35 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/16/2010 | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/23/2010 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/23/2010 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/23/2010 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/23/2010 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|---------------|---------------|--------------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/23/2010 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/23/2010 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | alpha-Chlordane | n/a | < | 0.0013 | µg/L | EPA 608 | 0.0013 | 0.01 | WKL | EUM |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Azinphos methyl | n/a | < | 0.0055 | µg/L | EPA 525.2 | 0.0055 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/23/2010 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Bolstar | n/a | < | 0.0046 | µg/L | EPA 525.2 | 0.0046 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Chloropropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Chlorpyrifos | n/a | < | 0.0069 | µg/L | EPA 525.2 | 0.0069 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Coumaphos | n/a | < | 0.0051 | µg/L | EPA 525.2 | 0.0051 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/23/2010 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/23/2010 | DCPA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Demeton-O | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Demeton-S | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Diazinon | n/a | < | 0.0052 | µg/L | EPA 525.2 | 0.0052 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/23/2010 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/23/2010 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Dichlorvos | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Dimethoate | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/23/2010 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Disulfoton | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Ethoprop | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Ethyl parathion | n/a | < | 0.0054 | µg/L | EPA 525.2 | 0.0054 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Fensulfothion | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|---------------|--------------------------------|----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Fenthion | n/a | < | 0.0038 | µg/L | EPA 525.2 | 0.0038 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | gamma-Chlordane | n/a | < | 0.0014 | µg/L | EPA 608 | 0.0014 | 0.01 | WKL | EUM |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/8/2010 | Glyphosate | n/a | DNQ | 4.7 | µg/L | EPA 547 | 1.8 | 5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Malathion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | IL |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Merphos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Methyl parathion | n/a | < | 0.0063 | µg/L | EPA 525.2 | 0.0063 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Mevinphos | n/a | < | 0.0042 | µg/L | EPA 525.2 | 0.0042 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Naled | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/23/2010 | Pentachlorophenol | n/a | = | 0.24 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Phorate | n/a | < | 0.003 | µg/L | EPA 525.2 | 0.003 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/23/2010 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Ronnel (Fenchlorphos) | n/a | < | 0.0041 | µg/L | EPA 525.2 | 0.0041 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0031 | µg/L | EPA 525.2 | 0.0031 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Tokuthion | n/a | < | 0.0078 | µg/L | EPA 525.2 | 0.0078 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/4/2010 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 3/3/2010 | Trichloronate | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| MO-OJA | 2009/10-3 | Wet | 2010 11:35:00 | 2/17/2010 | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 2010 10:15:00 | 2010 11:30:00 | E. Coli | n/a | = | 2014 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| MO-OJA | 2009/10-4 | Dry | 2010 10:15:00 | 2010 11:42:00 | Fecal Coliform | n/a | = | 1400 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| MO-OJA | 2009/10-4 | Dry | 2010 10:15:00 | 2010 11:42:00 | Total Coliform | n/a | = | 14136 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| MO-OJA | 2009/10-4 | Dry | 2010 10:15:00 | 3/26/2010 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 2010 10:15:00 | 2010 4:00:00 | pH | n/a | = | 8.14 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | BV |
| MO-OJA | 2009/10-4 | Dry | 2010 10:15:00 | 3/23/2010 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 2010 10:15:00 | 3/23/2010 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 2010 10:15:00 | 3/24/2010 | Mercury | Total | DNQ | 14 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 2010 10:15:00 | 3/19/2010 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 2010 10:15:00 | 3/19/2010 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/23/2010 | Chloride | n/a | = | 170 | mg/L | EPA 300.0 | 0.79 | 5 | WKL | D |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/23/2010 | Fluoride | n/a | = | 0.52 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/31/2010 | Perchlorate | n/a | < | 1.6 | µg/L | EPA 314.0 | 1.6 | 4 | WKL | D |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/26/2010 | Calcium | Total | = | 170 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/26/2010 | Magnesium | Total | = | 66 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | Alkalinity as CaCO3 | n/a | = | 370 | mg/L | SM 2320 B | 1.2 | 10 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/24/2010 | BOD | n/a | DNQ | 1.3 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/23/2010 | COD | n/a | = | 12 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|----------------|---------------------------|-----------|------|--------|----------|-----------|--------|-----------------|----------------------|-----------|
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/26/2010 | Hardness as CaCO3 | Total | = | 710 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 8/2010 5:53:00 | MBAS | n/a | < | 0.019 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/31/2010 | Phenolics | n/a | = | 0.035 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | Specific Conductance | n/a | = | 1800 | µmhos/cm | SM 2510 B | 0.47 | 4 | WKL | D |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | Total Dissolved Solids | n/a | = | 1200 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/24/2010 | Total Organic Carbon | n/a | = | 2.7 | mg/L | SM 5310 C | 0.064 | 0.6 | WKL | D |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | Total Suspended Solids | n/a | < | 5 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/19/2010 | Turbidity | n/a | = | 0.44 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/23/2010 | Volatile Suspended Solids | n/a | < | 3.1 | mg/L | EPA 160.4 | 3.1 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Aluminum | Dissolved | DNQ | 1.3 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Aluminum | Total | DNQ | 3.2 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Antimony | Dissolved | DNQ | 0.11 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Antimony | Total | DNQ | 0.1 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Arsenic | Dissolved | = | 0.47 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Arsenic | Total | = | 0.47 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Beryllium | Total | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Cadmium | Dissolved | DNQ | 0.014 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Cadmium | Total | DNQ | 0.025 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Chromium | Dissolved | DNQ | 0.14 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Chromium | Total | DNQ | 0.13 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/19/2010 | Chromium VI | n/a | DNQ | 0.23 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Copper | Dissolved | = | 1.2 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Copper | Total | = | 1.3 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Iron | Dissolved | DNQ | 9 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Iron | Total | DNQ | 11 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Lead | Dissolved | DNQ | 0.018 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Lead | Total | DNQ | 0.029 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Mercury | Dissolved | DNQ | 45 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Mercury | Total | = | 50 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Nickel | Dissolved | = | 2.5 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Nickel | Total | = | 2.4 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Selenium | Dissolved | = | 1.3 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Selenium | Total | = | 1.4 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Silver | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Silver | Total | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Zinc | Dissolved | DNQ | 2.4 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Zinc | Total | DNQ | 1.5 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/26/2010 | Ammonia as N | n/a | DNQ | 0.051 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | EUM |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/19/2010 | Nitrate + Nitrite as N | n/a | = | 3.1 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/19/2010 | Nitrate as N | n/a | = | 3.1 | mg/L | EPA 353.2 | 0.022 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/29/2010 | Phosphorus as P | Dissolved | DNQ | 0.0043 | mg/L | EPA 365.1 | 0.0014 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/29/2010 | Phosphorus as P | Total | DNQ | 0.0096 | mg/L | EPA 365.1 | 0.0014 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | TKN | n/a | < | 0.074 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|---------------|-----------------------------|----------|------|--------|-------|------------|-------|-----------------|----------------------|-----------|
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | 2,4,6-Trichlorophenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | 2,4-Dichlorophenol | n/a | < | 0.51 | µg/L | EPA 8270Cm | 0.51 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | 3-/4-Methylphenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | Benidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Bis(2-ethylhexyl)phthalate | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 3 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | Di-n-butylphthalate | n/a | < | 0.53 | µg/L | EPA 625 | 0.53 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|---------------|---------------------------|----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Phenol | n/a | DNQ | 0.64 | µg/L | EPA 8270Cm | 0.35 | 1 | WKL | EU |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/26/2010 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/26/2010 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/26/2010 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/26/2010 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/26/2010 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/26/2010 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | alpha-Chlordane | n/a | < | 0.0041 | µg/L | EPA 608 | 0.0041 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Azinphos methyl | n/a | < | 0.0055 | µg/L | EPA 525.2 | 0.0055 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/26/2010 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Bolstar | n/a | < | 0.0046 | µg/L | EPA 525.2 | 0.0046 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Chloropropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Chlorpyrifos | n/a | < | 0.0069 | µg/L | EPA 525.2 | 0.0069 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Coumaphos | n/a | < | 0.0051 | µg/L | EPA 525.2 | 0.0051 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/26/2010 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/26/2010 | DCPA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|----------------|---------------|-------------------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Demeton-O | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Demeton-S | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Diazinon | n/a | < | 0.0052 | µg/L | EPA 525.2 | 0.0052 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/26/2010 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/26/2010 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Dichlorvos | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Dimethoate | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/26/2010 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Disulfoton | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | EPTC | n/a | < | 0.23 | µg/L | EPTC | 0.23 | 1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Ethoprop | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Ethyl parathion | n/a | < | 0.0054 | µg/L | EPA 525.2 | 0.0054 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Fensulfthion | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Fenthion | n/a | < | 0.0038 | µg/L | EPA 525.2 | 0.0038 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | gamma-Chlordane | n/a | < | 0.0044 | µg/L | EPA 608 | 0.0044 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/22/2010 | Glyphosate | n/a | < | 1.8 | µg/L | EPA 547 | 1.8 | 5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Malathion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Merphos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Methyl parathion | n/a | < | 0.0063 | µg/L | EPA 525.2 | 0.0063 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Mevinphos | n/a | < | 0.0042 | µg/L | EPA 525.2 | 0.0042 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Naled | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/26/2010 | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Phorate | n/a | < | 0.003 | µg/L | EPA 525.2 | 0.003 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/26/2010 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Ronnel (Fenchlorphos) | n/a | < | 0.0041 | µg/L | EPA 525.2 | 0.0041 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0031 | µg/L | EPA 525.2 | 0.0031 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Tokuthion | n/a | < | 0.0078 | µg/L | EPA 525.2 | 0.0078 | 0.01 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|----------------|--------------------------------|-----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/30/2010 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 4/12/2010 | Trichloronate | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| MO-OJA | 2009/10-4 | Dry | 8/2010 9:15:00 | 3/25/2010 | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 3/2009 11:15:00 | 4/2009 8:10:00 | E. Coli | n/a | = | 14140 | MPN/100 mL | MMO-MUG | 1000 | 1000 | VCHCA | D |
| MO-VEN | 2009/10-1 | Wet | 3/2009 11:15:00 | 4/2009 8:10:00 | Enterococcus | n/a | = | 1013 | MPN/100 mL | Enterolert | 10 | 10 | VCHCA | X |
| MO-VEN | 2009/10-1 | Wet | 3/2009 11:15:00 | 7/2009 1:50:00 | Fecal Coliform | n/a | = | 24000 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| MO-VEN | 2009/10-1 | Wet | 3/2009 11:15:00 | 7/2009 1:50:00 | Total Coliform | n/a | = | 770100 | MPN/100 mL | MMO-MUG | 10000 | 10000 | VCHCA | D |
| MO-VEN | 2009/10-1 | Wet | 3/2009 11:15:00 | 10/22/2009 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 3/2009 11:15:00 | 10/15/2009 | pH | n/a | = | 7.15 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 3/2009 11:15:00 | 10/16/2009 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 3/2009 11:15:00 | 10/21/2009 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 3/2009 11:15:00 | 10/22/2009 | Mercury | Total | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 3/2009 11:15:00 | 10/15/2009 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 3/2009 11:15:00 | 10/15/2009 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/17/2009 | Chloride | n/a | = | 17 | mg/L | EPA 300.0 | 0.079 | 0.5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/17/2009 | Fluoride | n/a | = | 0.21 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/16/2009 | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/21/2009 | Calcium | Total | = | 24 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/21/2009 | Magnesium | Total | = | 5.8 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/21/2009 | Alkalinity as CaCO3 | n/a | = | 34 | mg/L | SM 2320 B | -88 | 2 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | BOD | n/a | = | 7.7 | mg/L | SM 5210 B | 0.1 | 2 | WKL | J |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/17/2009 | COD | n/a | = | 100 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/21/2009 | Hardness as CaCO3 | Total | = | 83 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/15/2009 | MBAS | n/a | = | 0.59 | mg/L | SM 5540 C | 0.076 | 0.2 | WKL | D |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/26/2009 | Phenolics | n/a | = | 0.052 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 11/11/2009 | Specific Conductance | n/a | = | 260 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 4/2009 5:12:00 | Total Chlorine Residual | n/a | < | 0.0016 | mg/L | SM 4500-Cl G | 0.0016 | 0.05 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | Total Dissolved Solids | n/a | = | 180 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/25/2009 | Total Organic Carbon | n/a | = | 22 | mg/L | SM 5310 C | 0.64 | 6 | WKL | D |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/19/2009 | Total Suspended Solids | n/a | = | 58 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/15/2009 | Turbidity | n/a | = | 20 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/19/2009 | Volatile Suspended Solids | n/a | = | 29 | mg/L | EPA 160.4 | -88 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Aluminum | Dissolved | = | 31 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Aluminum | Total | = | 1200 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Antimony | Dissolved | = | 1 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Antimony | Total | = | 1.9 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Arsenic | Dissolved | = | 1.2 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Arsenic | Total | = | 1.9 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Barium | Dissolved | = | 17 | µg/L | EPA 200.8 | 0.024 | 0.5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Barium | Total | = | 35 | µg/L | EPA 200.8 | 0.024 | 0.5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Beryllium | Total | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Cadmium | Dissolved | < | 0.013 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Cadmium | Total | = | 0.19 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Chromium | Dissolved | = | 0.85 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Chromium | Total | = | 3.3 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/16/2009 | Chromium VI | n/a | = | 0.55 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Copper | Dissolved | = | 14 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------------|-----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Copper | Total | = | 27 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Iron | Dissolved | = | 88 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Iron | Total | = | 1800 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Lead | Dissolved | = | 0.8 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Lead | Total | = | 6.3 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/22/2009 | Mercury | Dissolved | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/22/2009 | Mercury | Total | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Nickel | Dissolved | = | 5.3 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Nickel | Total | = | 8.3 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Selenium | Dissolved | = | 0.91 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Selenium | Total | = | 1.6 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Silver | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Silver | Total | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Zinc | Dissolved | = | 83 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Zinc | Total | = | 150 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/27/2009 | Ammonia as N | n/a | = | 0.42 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/15/2009 | Nitrate + Nitrite as N | n/a | = | 1.2 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/15/2009 | Nitrate as N | n/a | = | 1.1 | mg/L | EPA 353.2 | 0.022 | 0.1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Phosphorus as P | Dissolved | = | 0.34 | mg/L | EPA 365.1 | 0.0028 | 0.02 | WKL | D |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Phosphorus as P | Total | = | 0.52 | mg/L | EPA 365.1 | 0.0056 | 0.04 | WKL | D |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/26/2009 | TKN | n/a | = | 2.4 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | 2,4,6-Trichlorophenol | n/a | < | 0.88 | µg/L | EPA 625 | 0.88 | 10 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | 2,4-Dichlorophenol | n/a | < | 0.77 | µg/L | EPA 625 | 0.77 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | 2,4-Dimethylphenol | n/a | < | 0.8 | µg/L | EPA 625 | 0.8 | 2 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | 2,4-Dinitrophenol | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | 2-Chlorophenol | n/a | < | 0.71 | µg/L | EPA 625 | 0.71 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | 2-Nitrophenol | n/a | < | 0.84 | µg/L | EPA 625 | 0.84 | 10 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | 4-Chloro-3-methylphenol | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | 4-Nitrophenol | n/a | < | 6.7 | µg/L | EPA 625 | 6.7 | 10 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Acenaphthene | n/a | < | 0.31 | µg/L | EPA 625 | 0.31 | 1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Acenaphthylene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Anthracene | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Benz(a)anthracene | n/a | < | 0.19 | µg/L | EPA 625 | 0.19 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Benzidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------------|----------|------|--------|-------|-----------|-------|-----------------|----------------------|-----------|
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | Benzo(a)pyrene | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.15 | WKL | EUM,IL |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Benzo(b)fluoranthene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Benzo(g,h,i)perylene | n/a | < | 0.31 | µg/L | EPA 625 | 0.31 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Benzo(k)fluoranthene | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 10 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | Bis(2-ethylhexyl)adipate | n/a | < | 0.34 | µg/L | EPA 525.2 | 0.34 | 7.5 | WKL | EUM,IL |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | Bis(2-ethylhexyl)phthalate | n/a | < | 1.6 | µg/L | EPA 525.2 | 1.6 | 4.5 | WKL | EUM,IL |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Chrysene | n/a | < | 0.25 | µg/L | EPA 625 | 0.25 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Dibenz(a,h)anthracene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 10 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Di-n-butylphthalate | n/a | < | 0.53 | µg/L | EPA 625 | 0.53 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Fluoranthene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Fluorene | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | IL |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 10 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Naphthalene | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Phenanthrene | n/a | < | 0.25 | µg/L | EPA 625 | 0.25 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Phenol | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/24/2009 | Pyrene | n/a | < | 0.16 | µg/L | EPA 625 | 0.16 | 5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/16/2009 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/16/2009 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/16/2009 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/16/2009 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/16/2009 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/16/2009 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | Alachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.15 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | alpha-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | Atrazine | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.15 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Azinphos methyl | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.02 | WKL | D,EUM |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/16/2009 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | EU |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Bolstar | n/a | < | 0.0092 | µg/L | EPA 525.2 | 0.0092 | 0.02 | WKL | D |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | Bromacil | n/a | < | 1.3 | µg/L | EPA 525.2 | 1.3 | 1.5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | Butachlor | n/a | < | 0.15 | µg/L | EPA 525.2 | 0.15 | 0.3 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | Captan | n/a | < | 1.3 | µg/L | EPA 525.2 | 1.3 | 1.5 | WKL | IL |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/16/2009 | Chloramben | n/a | < | 1 | µg/L | EPA 515.3 | -88 | 1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | Chlorpropham | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.15 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Chlorpyrifos | n/a | < | 0.014 | µg/L | EPA 525.2 | 0.014 | 0.02 | WKL | D |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Coumaphos | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D,EUM |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | Cyanazine | n/a | < | 0.03 | µg/L | EPA 525.2 | 0.03 | 0.15 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/16/2009 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/16/2009 | DCCA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Demeton-O | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Demeton-S | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Diazinon | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/16/2009 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/16/2009 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Dichlorvos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Dimethoate | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/16/2009 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | Diphenamid | n/a | < | 0.03 | µg/L | EPA 525.2 | 0.03 | 0.15 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Disulfoton | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | EPTC | n/a | < | 0.34 | µg/L | EPA 525.2 | 0.34 | 1.5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Ethoprop | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D,EUM |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Ethyl parathion | n/a | < | 0.0002 | µg/L | EPA 525.2 | 0.0002 | 0.02 | WKL | D |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Fensulfothion | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Fenthion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.02 | WKL | D,EUM |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | gamma-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/16/2009 | Glyphosate | n/a | = | 8.1 | µg/L | EPA 547m | 1.8 | 5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|--------------------------------|----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Malathion | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D,EUM |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Merphos | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Methyl parathion | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | Metolachlor | n/a | < | 0.084 | µg/L | EPA 525.2 | 0.084 | 0.15 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | Metribuzin | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.15 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Mevinphos | n/a | < | 0.0084 | µg/L | EPA 525.2 | 0.0084 | 0.02 | WKL | D,EUM |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | -88 | 0.01 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | Molinate | n/a | < | 0.076 | µg/L | EPA 525.2 | 0.076 | 0.15 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Naled | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/16/2009 | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Phorate | n/a | < | 0.006 | µg/L | EPA 525.2 | 0.006 | 0.02 | WKL | D |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/16/2009 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | Prometon | n/a | < | 0.24 | µg/L | EPA 525.2 | 0.24 | 0.3 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | Prometryn | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.15 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Ronnel (Fenchlorphos) | n/a | < | 0.0082 | µg/L | EPA 525.2 | 0.0082 | 0.02 | WKL | D,EUM |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | Simazine | n/a | < | 0.12 | µg/L | EPA 525.2 | 0.12 | 0.15 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.02 | WKL | D |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | Terbacil | n/a | < | 0.82 | µg/L | EPA 525.2 | 0.82 | 3 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | Thiobencarb | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.3 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Tokuthion | n/a | < | 0.016 | µg/L | EPA 525.2 | 0.016 | 0.02 | WKL | D,EUM |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/23/2009 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/29/2009 | Trichloronate | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| MO-VEN | 2009/10-1 | Wet | 4/2009 11:10:00 | 10/20/2009 | Trithion | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.15 | WKL | EUM |
| MO-VEN | 2009/10-2 | Wet | 12/7/2009 | 12/8/2009 | E. Coli | n/a | = | 8664 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| MO-VEN | 2009/10-2 | Wet | 12/7/2009 | 12/11/2009 | Fecal Coliform | n/a | = | 16000 | MPN/100 mL | SM 9221 E | 10 | 10 | VCHCA | X |
| MO-VEN | 2009/10-2 | Wet | 12/7/2009 | 12/8/2009 | Total Coliform | n/a | = | 260200 | MPN/100 mL | MMO-MUG | 1000 | 1000 | VCHCA | X |
| MO-VEN | 2009/10-2 | Wet | 7/2009 4:00:00 | 12/18/2009 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 7/2009 4:00:00 | 12/8/2009 | pH | n/a | = | 6.6 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 7/2009 4:00:00 | 12/22/2009 | Oil and Grease | n/a | DNQ | 4.3 | mg/L | EPA 1664A | 2 | 5 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 7/2009 4:00:00 | 12/22/2009 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 7/2009 4:00:00 | 12/18/2009 | Mercury | Total | DNQ | 19 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 7/2009 4:00:00 | 12/9/2009 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 7/2009 4:00:00 | 12/9/2009 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 7/2009 11:30:00 | 12/12/2009 | Chloride | n/a | = | 7.9 | mg/L | EPA 300.0 | 0.079 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 7/2009 11:30:00 | 12/12/2009 | Fluoride | n/a | = | 0.12 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 7/2009 11:30:00 | 12/11/2009 | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 7/2009 11:30:00 | 12/16/2009 | Calcium | Total | = | 17 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 7/2009 11:30:00 | 12/16/2009 | Magnesium | Total | = | 4 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 7/2009 11:30:00 | 12/17/2009 | Alkalinity as CaCO3 | n/a | = | 32 | mg/L | SM 2320 B | 1.2 | 2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 7/2009 11:30:00 | 12/14/2009 | BOD | n/a | = | 13 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 7/2009 11:30:00 | 12/10/2009 | COD | n/a | = | 64 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 7/2009 11:30:00 | 12/16/2009 | Hardness as CaCO3 | Total | = | 58 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 7/2009 11:30:00 | 12/10/2009 | MBAS | n/a | = | 0.12 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 7/2009 11:30:00 | 12/18/2009 | Phenolics | n/a | = | 0.067 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 7/2009 11:30:00 | 12/9/2009 | Specific Conductance | n/a | = | 180 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|---------------------------|-----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/12/2009 | Total Dissolved Solids | n/a | = | 120 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/23/2009 | Total Organic Carbon | n/a | = | 14 | mg/L | SM 5310 C | 0.32 | 3 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/12/2009 | Total Suspended Solids | n/a | = | 95 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/9/2009 | Turbidity | n/a | = | 29 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/12/2009 | Volatile Suspended Solids | n/a | = | 31 | mg/L | EPA 160.4 | 3.1 | 5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Aluminum | Dissolved | = | 50 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Aluminum | Total | = | 1600 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Antimony | Dissolved | = | 1.1 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Antimony | Total | = | 1.7 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Arsenic | Dissolved | = | 1 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Arsenic | Total | = | 1.7 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Beryllium | Total | DNQ | 0.067 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Cadmium | Dissolved | DNQ | 0.087 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Cadmium | Total | = | 0.28 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Chromium | Dissolved | = | 1 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Chromium | Total | = | 4.4 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/10/2009 | Chromium VI | n/a | = | 0.91 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Copper | Dissolved | = | 11 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Copper | Total | = | 28 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Iron | Dissolved | = | 89 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Iron | Total | = | 2600 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Lead | Dissolved | = | 0.72 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Lead | Total | = | 9.1 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/18/2009 | Mercury | Dissolved | < | 3.9 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/18/2009 | Mercury | Total | DNQ | 20 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Nickel | Dissolved | = | 3.2 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Nickel | Total | = | 7 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Selenium | Dissolved | = | 0.52 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Selenium | Total | = | 0.95 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Silver | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Silver | Total | DNQ | 0.04 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Thallium | Total | DNQ | 0.025 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Zinc | Dissolved | = | 66 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/16/2009 | Zinc | Total | = | 150 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/15/2009 | Ammonia as N | n/a | = | 0.44 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/9/2009 | Nitrate + Nitrite as N | n/a | = | 0.97 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/22/2009 | Phosphorus as P | Dissolved | = | 0.27 | mg/L | EPA 365.1 | 0.0028 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/22/2009 | Phosphorus as P | Total | = | 0.64 | mg/L | EPA 365.1 | 0.014 | 0.1 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/17/2009 | TKN | n/a | = | 1.8 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 1/5/2010 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 1/5/2010 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 1/5/2010 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 1/5/2010 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 1/5/2010 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/22/2009 | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/22/2009 | 2,4,6-Trichlorophenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------------|----------|------|--------|-------|------------|-------|-----------------|----------------------|-----------|
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/22/2009 | 2,4-Dichlorophenol | n/a | < | 0.51 | µg/L | EPA 8270Cm | 0.51 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/22/2009 | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/22/2009 | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/22/2009 | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/22/2009 | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/22/2009 | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/22/2009 | 3-/4-Methylphenol | n/a | DNQ | 0.37 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/22/2009 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/22/2009 | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/22/2009 | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/18/2009 | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/18/2009 | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/18/2009 | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/18/2009 | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | Benidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/15/2009 | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/18/2009 | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/18/2009 | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/18/2009 | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/15/2009 | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/15/2009 | Bis(2-ethylhexyl)phthalate | n/a | = | 4.3 | µg/L | EPA 525.2 | 1.1 | 3 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/18/2009 | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/18/2009 | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | Di-n-butylphthalate | n/a | DNQ | 0.98 | µg/L | EPA 625 | 0.53 | 5 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/18/2009 | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/18/2009 | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/18/2009 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 12/18/2009 | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2/2009 11:30:00 | 1/5/2010 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|---------------------------|----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 1/5/2010 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 1/5/2010 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/18/2009 | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/22/2009 | Phenol | n/a | < | 0.35 | µg/L | EPA 8270Cm | 0.35 | 1 | WKL | EUM |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/18/2009 | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/21/2009 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/21/2009 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/21/2009 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/21/2009 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/21/2009 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/21/2009 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/21/2009 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/11/2009 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/11/2009 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/11/2009 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/11/2009 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/21/2009 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/21/2009 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/21/2009 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/11/2009 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/21/2009 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/21/2009 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/21/2009 | 4,4'-DDT | n/a | = | 0.012 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/11/2009 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/15/2009 | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/21/2009 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/21/2009 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/21/2009 | alpha-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/15/2009 | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/27/2009 | Azinphos methyl | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/11/2009 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/21/2009 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/27/2009 | Bolstar | n/a | < | 0.0092 | µg/L | EPA 525.2 | 0.0092 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/15/2009 | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/15/2009 | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/15/2009 | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/11/2009 | Chloramben | n/a | < | 1 | µg/L | EPA 515.3 | 1 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/21/2009 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/15/2009 | Chloropropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/27/2009 | Chlorpyrifos | n/a | = | 0.026 | µg/L | EPA 525.2 | 0.014 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/27/2009 | Coumaphos | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/15/2009 | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/11/2009 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/11/2009 | DCPA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/21/2009 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/27/2009 | Demeton-O | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/27/2009 | Demeton-S | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 1/2009 11:30:00 | 12/27/2009 | Diazinon | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.02 | WKL | D |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|---------------|---------------|-------------------------------|----------|------|--------|------------|-----------|--------|-----------------|----------------------|-----------|
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/11/2009 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/11/2009 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/27/2009 | Dichlorvos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/21/2009 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/27/2009 | Dimethoate | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/11/2009 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/15/2009 | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/27/2009 | Disulfoton | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/21/2009 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/21/2009 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/21/2009 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/21/2009 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/21/2009 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/15/2009 | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/27/2009 | Ethoprop | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/27/2009 | Ethyl parathion | n/a | < | 0.011 | µg/L | EPA 525.2 | 0.011 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/27/2009 | Fensulfotion | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/27/2009 | Fenthion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/21/2009 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/21/2009 | gamma-Chlordane | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/15/2009 | Glyphosate | n/a | DNQ | 3.8 | µg/L | EPA 547 | 1.8 | 5 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/21/2009 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/21/2009 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/27/2009 | Malathion | n/a | = | 1 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D,IL |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/27/2009 | Merphos | n/a | < | 0.012 | µg/L | EPA 525.2 | 0.012 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/21/2009 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/27/2009 | Methyl parathion | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/15/2009 | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/15/2009 | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/27/2009 | Mevinphos | n/a | < | 0.0084 | µg/L | EPA 525.2 | 0.0084 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/21/2009 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/15/2009 | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/27/2009 | Naled | n/a | < | 0.015 | µg/L | EPA 525.2 | 0.015 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/11/2009 | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/27/2009 | Phorate | n/a | < | 0.006 | µg/L | EPA 525.2 | 0.006 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/11/2009 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/15/2009 | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/15/2009 | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/27/2009 | Ronnel (Fenchlorphos) | n/a | = | 0.46 | µg/L | EPA 525.2 | 0.0082 | 0.02 | WKL | D,IL |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/15/2009 | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/27/2009 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/15/2009 | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/15/2009 | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/27/2009 | Tokuthion | n/a | < | 0.016 | µg/L | EPA 525.2 | 0.016 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/21/2009 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/27/2009 | Trichloronate | n/a | < | 0.013 | µg/L | EPA 525.2 | 0.013 | 0.02 | WKL | D |
| MO-VEN | 2009/10-2 | Wet | 2009 11:30:00 | 12/15/2009 | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 9:10:00 | 2010 11:00:00 | E. Coli | n/a | = | 2851 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | D |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|-----------------|--------------------------------|-----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| MO-VEN | 2009/10-3 | Wet | 2010 9:10:00 A | 2010 2:58:00 P | Fecal Coliform | n/a | = | 3000 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| MO-VEN | 2009/10-3 | Wet | 2010 9:10:00 A | 2010 11:00:00 A | Total Coliform | n/a | = | 387300 | MPN/100 mL | MMO-MUG | 1000 | 1000 | VCHCA | D |
| MO-VEN | 2009/10-3 | Wet | 2010 9:10:00 A | 2/17/2010 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 9:10:00 A | 2010 5:00:00 P | pH | n/a | = | 7.48 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | BV |
| MO-VEN | 2009/10-3 | Wet | 2010 9:10:00 A | 2/17/2010 | Oil and Grease | n/a | DNQ | 2.1 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 9:10:00 A | 2/17/2010 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 9:10:00 A | 2/19/2010 | Mercury | Total | DNQ | 41 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 9:10:00 A | 2/9/2010 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 9:10:00 A | 2/9/2010 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/17/2010 | Chloride | n/a | = | 7.7 | mg/L | EPA 300.0 | 0.079 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/17/2010 | Fluoride | n/a | DNQ | 0.076 | mg/L | EPA 300.0 | 0.013 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/10/2010 | Perchlorate | n/a | < | 0.82 | µg/L | EPA 314.0 | 0.82 | 2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/12/2010 | Calcium | Total | = | 13 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/12/2010 | Magnesium | Total | = | 5.8 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/16/2010 | Alkalinity as CaCO3 | n/a | = | 26 | mg/L | SM 2320 B | 1.2 | 2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/16/2010 | BOD | n/a | = | 5.6 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/11/2010 | COD | n/a | = | 17 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/12/2010 | Hardness as CaCO3 | Total | = | 56 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/8/2010 | MBAS | n/a | = | 0.19 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/19/2010 | Phenolics | n/a | = | 0.12 | mg/L | EPA 420.4 | 0.0016 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/9/2010 | Specific Conductance | n/a | = | 220 | µmhos/cm | SM 2510 B | 0.23 | 2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/13/2010 | Total Dissolved Solids | n/a | = | 110 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/18/2010 | Total Organic Carbon | n/a | = | 5 | mg/L | SM 5310 C | 0.064 | 0.6 | WKL | D |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/13/2010 | Total Suspended Solids | n/a | = | 77 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/8/2010 | Turbidity | n/a | = | 44 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/13/2010 | Volatile Suspended Solids | n/a | = | 19 | mg/L | EPA 160.4 | 3.1 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/18/2010 | Aluminum | Dissolved | = | 31 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/18/2010 | Aluminum | Total | = | 1100 | µg/L | EPA 200.8 | 0.19 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/18/2010 | Antimony | Dissolved | = | 0.61 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/18/2010 | Antimony | Total | = | 1.1 | µg/L | EPA 200.8 | 0.008 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/18/2010 | Arsenic | Dissolved | = | 0.98 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/18/2010 | Arsenic | Total | = | 1.5 | µg/L | EPA 200.8 | 0.014 | 0.4 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/18/2010 | Beryllium | Dissolved | < | 0.022 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/18/2010 | Beryllium | Total | DNQ | 0.03 | µg/L | EPA 200.8 | 0.022 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/18/2010 | Cadmium | Dissolved | DNQ | 0.04 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/18/2010 | Cadmium | Total | = | 0.14 | µg/L | EPA 200.8 | 0.013 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/18/2010 | Chromium | Dissolved | = | 1.1 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/18/2010 | Chromium | Total | = | 3.2 | µg/L | EPA 200.8 | 0.012 | 0.2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/10/2010 | Chromium VI | n/a | = | 0.69 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/19/2010 | Copper | Dissolved | = | 8.2 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/18/2010 | Copper | Total | = | 17 | µg/L | EPA 200.8 | 0.022 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/18/2010 | Iron | Dissolved | = | 63 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/18/2010 | Iron | Total | = | 1700 | µg/L | EPA 200.8 | 0.6 | 20 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/18/2010 | Lead | Dissolved | = | 0.47 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/18/2010 | Lead | Total | = | 5.7 | µg/L | EPA 200.8 | 0.017 | 0.2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/16/2010 | Mercury | Dissolved | DNQ | 39 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/16/2010 | Mercury | Total | DNQ | 40 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 P | 2/18/2010 | Nickel | Dissolved | = | 1.4 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|---------------|---------------|-----------------------------|-----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/18/2010 | Nickel | Total | = | 3.6 | µg/L | EPA 200.8 | 0.011 | 0.8 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/18/2010 | Selenium | Dissolved | = | 0.42 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/18/2010 | Selenium | Total | = | 0.48 | µg/L | EPA 200.8 | 0.017 | 0.4 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/18/2010 | Silver | Dissolved | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/18/2010 | Silver | Total | < | 0.008 | µg/L | EPA 200.8 | 0.008 | 0.2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/18/2010 | Thallium | Dissolved | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/18/2010 | Thallium | Total | < | 0.02 | µg/L | EPA 200.8 | 0.02 | 0.2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/18/2010 | Zinc | Dissolved | = | 29 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/18/2010 | Zinc | Total | = | 78 | µg/L | EPA 200.8 | 0.3 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Ammonia as N | n/a | = | 0.17 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/12/2010 | Nitrate + Nitrite as N | n/a | = | 0.6 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/18/2010 | Phosphorus as P | Dissolved | = | 0.19 | mg/L | EPA 365.1 | 0.0014 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/18/2010 | Phosphorus as P | Total | = | 0.26 | mg/L | EPA 365.1 | 0.0028 | 0.02 | WKL | D |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/12/2010 | TKN | n/a | = | 0.99 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | 2,4,6-Trichlorophenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | 2,4-Dichlorophenol | n/a | < | 0.51 | µg/L | EPA 8270Cm | 0.51 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | GB |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | 3-/4-Methylphenol | n/a | DNQ | 0.43 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/16/2010 | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/16/2010 | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/16/2010 | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/16/2010 | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | Benizidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/16/2010 | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/16/2010 | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/16/2010 | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|---------------|---------------|-----------------------------|----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Bis(2-ethylhexyl)phthalate | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 3 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/16/2010 | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/16/2010 | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | Di-n-butylphthalate | n/a | DNQ | 1.5 | µg/L | EPA 625 | 0.53 | 5 | WKL | EUM,GB |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/16/2010 | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/16/2010 | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | IL |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/16/2010 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/16/2010 | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/20/2010 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/16/2010 | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Phenol | n/a | < | 0.35 | µg/L | EPA 8270Cm | 0.35 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/16/2010 | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/23/2010 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/23/2010 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/23/2010 | 2,4-D | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/23/2010 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | 2,4'-DDT | n/a | = | 0.012 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/23/2010 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | 4,4'-DDE | n/a | DNQ | 0.015 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | 4,4'-DDT | n/a | = | 0.012 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/23/2010 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|---------------|---------------|-----------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | alpha-Chlordane | n/a | < | 0.0013 | µg/L | EPA 608 | 0.0013 | 0.01 | WKL | EUM |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Azinphos methyl | n/a | < | 0.0055 | µg/L | EPA 525.2 | 0.0055 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/23/2010 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Bolstar | n/a | < | 0.0046 | µg/L | EPA 525.2 | 0.0046 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Chlorpropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Chlorpyrifos | n/a | < | 0.0069 | µg/L | EPA 525.2 | 0.0069 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Coumaphos | n/a | < | 0.0051 | µg/L | EPA 525.2 | 0.0051 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | IL |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/23/2010 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/23/2010 | DCPA (Dacthal) | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Demeton-O | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Demeton-S | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Diazinon | n/a | < | 0.0052 | µg/L | EPA 525.2 | 0.0052 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/23/2010 | Dicamba | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/23/2010 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Dichlorvos | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Dimethoate | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/23/2010 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Disulfoton | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Ethoprop | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Ethyl parathion | n/a | < | 0.0054 | µg/L | EPA 525.2 | 0.0054 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Fensulfthion | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Fenthion | n/a | < | 0.0038 | µg/L | EPA 525.2 | 0.0038 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | gamma-Chlordane | n/a | < | 0.0014 | µg/L | EPA 608 | 0.0014 | 0.01 | WKL | EUM |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/8/2010 | Glyphosate | n/a | = | 37 | µg/L | EPA 547 | 1.8 | 5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Malathion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | IL |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Merphos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Methyl parathion | n/a | < | 0.0063 | µg/L | EPA 525.2 | 0.0063 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|----------------|--------------------------------|-----------|------|--------|------------|--------------|--------|-----------------|----------------------|-----------|
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | GB |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Mevinphos | n/a | < | 0.0042 | µg/L | EPA 525.2 | 0.0042 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Naled | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/23/2010 | Pentachlorophenol | n/a | = | 0.24 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Phorate | n/a | < | 0.003 | µg/L | EPA 525.2 | 0.003 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/23/2010 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Ronnel (Fenchlorphos) | n/a | < | 0.0041 | µg/L | EPA 525.2 | 0.0041 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0031 | µg/L | EPA 525.2 | 0.0031 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Tokuthion | n/a | < | 0.0078 | µg/L | EPA 525.2 | 0.0078 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/4/2010 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 3/3/2010 | Trichloronate | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| MO-VEN | 2009/10-3 | Wet | 2010 12:30:00 | 2/17/2010 | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | GB |
| MO-VEN | 2009/10-4 | Dry | 7/2010 12:15:00 | 2010 11:30:00 | E. Coli | n/a | < | 10 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| MO-VEN | 2009/10-4 | Dry | 7/2010 12:15:00 | 1/2010 1:48:00 | Fecal Coliform | n/a | = | 13 | MPN/100 mL | SM 9221 E | 2 | 2 | VCHCA | X |
| MO-VEN | 2009/10-4 | Dry | 7/2010 12:15:00 | 1/2010 1:48:00 | Total Coliform | n/a | = | 2359 | MPN/100 mL | MMO-MUG | 10 | 10 | VCHCA | X |
| MO-VEN | 2009/10-4 | Dry | 7/2010 12:15:00 | 3/26/2010 | Cyanide | Total | < | 0.0027 | mg/L | EPA 335.4 | 0.0027 | 0.005 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 7/2010 12:15:00 | 8/2010 4:00:00 | pH | n/a | = | 9.53 | pH Units | SM 4500-H+ B | 0.1 | 0.1 | WKL | BV |
| MO-VEN | 2009/10-4 | Dry | 7/2010 12:15:00 | 3/23/2010 | Oil and Grease | n/a | < | 2 | mg/L | EPA 1664A | 2 | 5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 7/2010 12:15:00 | 3/23/2010 | TPH | n/a | < | 1.9 | mg/L | EPA 1664A | 1.9 | 5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 7/2010 12:15:00 | 3/24/2010 | Mercury | Total | DNQ | 22 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 7/2010 12:15:00 | 3/20/2010 | 2-Chloroethyl vinyl ether | n/a | < | 0.35 | µg/L | EPA 524.2 | 0.35 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 7/2010 12:15:00 | 3/20/2010 | Methyl tert-butyl ether (MTBE) | n/a | < | 1.1 | µg/L | EPA 524.2 | 1.1 | 3 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 7/2010 10:50:00 | 3/24/2010 | Chloride | n/a | = | 300 | mg/L | EPA 300.0 | 0.4 | 2.5 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 7/2010 10:50:00 | 3/24/2010 | Fluoride | n/a | = | 0.68 | mg/L | EPA 300.0 | 0.065 | 0.5 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 7/2010 10:50:00 | 4/2/2010 | Perchlorate | n/a | < | 16 | µg/L | EPA 314.0 | 16 | 40 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 7/2010 10:50:00 | 3/26/2010 | Calcium | Total | = | 290 | mg/L | EPA 200.7 | 0.016 | 0.1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 7/2010 10:50:00 | 3/26/2010 | Magnesium | Total | = | 220 | mg/L | EPA 200.7 | 0.012 | 0.1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 7/2010 10:50:00 | 3/22/2010 | Alkalinity as CaCO3 | n/a | = | 200 | mg/L | SM 2320 B | 1.2 | 10 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 7/2010 10:50:00 | 3/24/2010 | BOD | n/a | = | 19 | mg/L | SM 5210 B | 0.1 | 2 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 7/2010 10:50:00 | 3/23/2010 | COD | n/a | = | 110 | mg/L | EPA 410.4 | 1.8 | 5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 7/2010 10:50:00 | 3/26/2010 | Hardness as CaCO3 | Total | = | 1600 | mg/L | EPA 200.7 | 0.089 | 0.66 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 7/2010 10:50:00 | 8/2010 5:53:00 | MBAS | n/a | = | 0.21 | mg/L | SM 5540 C | 0.019 | 0.05 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 7/2010 10:50:00 | 3/31/2010 | Phenolics | n/a | = | 0.052 | mg/L | EPA 420.4 | 0.0032 | 0.02 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 7/2010 10:50:00 | 3/22/2010 | Specific Conductance | n/a | = | 7700 | µmhos/cm | SM 2510 B | 2.3 | 20 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 7/2010 10:50:00 | 3/22/2010 | Total Dissolved Solids | n/a | = | 5200 | mg/L | SM 2540 C | 4 | 10 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 7/2010 10:50:00 | 3/24/2010 | Total Organic Carbon | n/a | = | 31 | mg/L | SM 5310 C | 0.64 | 6 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 7/2010 10:50:00 | 3/22/2010 | Total Suspended Solids | n/a | = | 11 | mg/L | SM 2540 D | 5 | 5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 7/2010 10:50:00 | 3/19/2010 | Turbidity | n/a | = | 2.2 | NTU | EPA 180.1 | 0.04 | 0.1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 7/2010 10:50:00 | 3/23/2010 | Volatile Suspended Solids | n/a | DNQ | 4 | mg/L | EPA 160.4 | 3.1 | 5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 7/2010 10:50:00 | 3/30/2010 | Aluminum | Dissolved | DNQ | 2.2 | µg/L | EPA 200.8 | 0.95 | 25 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 7/2010 10:50:00 | 3/30/2010 | Aluminum | Total | = | 33 | µg/L | EPA 200.8 | 0.95 | 25 | WKL | D |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|------------------------|-----------|------|--------|-------|------------|--------|-----------------|----------------------|-----------|
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Antimony | Dissolved | DNQ | 0.97 | µg/L | EPA 200.8 | 0.04 | 2.5 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Antimony | Total | DNQ | 0.99 | µg/L | EPA 200.8 | 0.04 | 2.5 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Arsenic | Dissolved | = | 4.3 | µg/L | EPA 200.8 | 0.07 | 2 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Arsenic | Total | = | 4.6 | µg/L | EPA 200.8 | 0.07 | 2 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Beryllium | Dissolved | < | 0.11 | µg/L | EPA 200.8 | 0.11 | 0.5 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Beryllium | Total | < | 0.11 | µg/L | EPA 200.8 | 0.11 | 0.5 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Cadmium | Dissolved | DNQ | 0.095 | µg/L | EPA 200.8 | 0.065 | 0.5 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Cadmium | Total | DNQ | 0.14 | µg/L | EPA 200.8 | 0.065 | 0.5 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Chromium | Dissolved | DNQ | 0.6 | µg/L | EPA 200.8 | 0.06 | 1 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Chromium | Total | DNQ | 0.59 | µg/L | EPA 200.8 | 0.06 | 1 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/19/2010 | Chromium VI | n/a | = | 0.42 | µg/L | EPA 218.6 | 0.0059 | 0.3 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Copper | Dissolved | = | 45 | µg/L | EPA 200.8 | 0.11 | 2.5 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Copper | Total | = | 48 | µg/L | EPA 200.8 | 0.11 | 2.5 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Iron | Dissolved | DNQ | 65 | µg/L | EPA 200.8 | 3 | 100 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Iron | Total | = | 170 | µg/L | EPA 200.8 | 3 | 100 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Lead | Dissolved | DNQ | 0.23 | µg/L | EPA 200.8 | 0.085 | 1 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Lead | Total | DNQ | 0.7 | µg/L | EPA 200.8 | 0.085 | 1 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Mercury | Dissolved | DNQ | 49 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Mercury | Total | = | 51 | ng/L | EPA 245.1 | 3.9 | 50 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Nickel | Dissolved | = | 7.5 | µg/L | EPA 200.8 | 0.055 | 4 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Nickel | Total | = | 16 | µg/L | EPA 200.8 | 0.055 | 4 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Selenium | Dissolved | = | 12 | µg/L | EPA 200.8 | 0.085 | 2 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Selenium | Total | = | 11 | µg/L | EPA 200.8 | 0.085 | 2 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Silver | Dissolved | DNQ | 0.041 | µg/L | EPA 200.8 | 0.04 | 1 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Silver | Total | < | 0.04 | µg/L | EPA 200.8 | 0.04 | 1 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Thallium | Dissolved | < | 0.1 | µg/L | EPA 200.8 | 0.1 | 1 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Thallium | Total | < | 0.1 | µg/L | EPA 200.8 | 0.1 | 1 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Zinc | Dissolved | DNQ | 7.7 | µg/L | EPA 200.8 | 1.5 | 25 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Zinc | Total | DNQ | 16 | µg/L | EPA 200.8 | 1.5 | 25 | WKL | D |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/1/2010 | Ammonia as N | n/a | = | 0.26 | mg/L | EPA 350.1 | 0.048 | 0.1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/19/2010 | Nitrate + Nitrite as N | n/a | = | 0.12 | mg/L | EPA 353.2 | 0.033 | 0.1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/29/2010 | Phosphorus as P | Dissolved | = | 0.043 | mg/L | EPA 365.1 | 0.0014 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/29/2010 | Phosphorus as P | Total | = | 0.072 | mg/L | EPA 365.1 | 0.0014 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | TKN | n/a | = | 3 | mg/L | EPA 351.2 | 0.074 | 0.1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/22/2010 | 1,2,4-Trichlorobenzene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/22/2010 | 1,2-Dichlorobenzene | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 2 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/22/2010 | 1,2-Diphenylhydrazine | n/a | < | 0.35 | µg/L | EPA 625 | 0.35 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/22/2010 | 1,3-Dichlorobenzene | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/22/2010 | 1,4-Dichlorobenzene | n/a | < | 0.32 | µg/L | EPA 625 | 0.32 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | 2,4,5-Trichlorophenol | n/a | < | 0.29 | µg/L | EPA 8270Cm | 0.29 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | 2,4,6-Trichlorophenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | 2,4-Dichlorophenol | n/a | < | 0.51 | µg/L | EPA 8270Cm | 0.51 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | 2,4-Dimethylphenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | 2,4-Dinitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/22/2010 | 2,4-Dinitrotoluene | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/22/2010 | 2,6-Dinitrotoluene | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/22/2010 | 2-Chloronaphthalene | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | 2-Chlorophenol | n/a | < | 0.65 | µg/L | EPA 8270Cm | 0.65 | 1 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-----------------------------|----------|------|--------|-------|------------|-------|-----------------|----------------------|-----------|
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | 2-Methylphenol | n/a | < | 0.34 | µg/L | EPA 8270Cm | 0.34 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | 2-Nitrophenol | n/a | < | 0.71 | µg/L | EPA 8270Cm | 0.71 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/22/2010 | 3,3'-Dichlorobenzidine | n/a | < | 0.3 | µg/L | EPA 625 | 0.3 | 5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | 3-/4-Methylphenol | n/a | < | 0.3 | µg/L | EPA 8270Cm | 0.3 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | 4,6-Dinitro-2-methylphenol | n/a | < | 0.14 | µg/L | EPA 8270Cm | 0.14 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/22/2010 | 4-Bromophenyl phenyl ether | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | 4-Chloro-3-methylphenol | n/a | < | 0.37 | µg/L | EPA 8270Cm | 0.37 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/22/2010 | 4-Chlorophenyl phenyl ether | n/a | < | 0.24 | µg/L | EPA 625 | 0.24 | 5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | 4-Nitrophenol | n/a | < | 1 | µg/L | EPA 8270Cm | 1 | 2 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | Acenaphthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | Acenaphthylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | Anthracene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | Benz(a)anthracene | n/a | < | 0.28 | µg/L | EPA 8270Cm | 0.28 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/22/2010 | Benidine | n/a | < | 0.7 | µg/L | EPA 625 | 0.7 | 5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | Benzo(a)pyrene | n/a | < | 0.073 | µg/L | EPA 525.2 | 0.073 | 0.1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | Benzo(b)fluoranthene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | Benzo(g,h,i)perylene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | Benzo(k)fluoranthene | n/a | < | 0.12 | µg/L | EPA 8270Cm | 0.12 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/22/2010 | Bis(2-chloroethoxy)methane | n/a | < | 0.4 | µg/L | EPA 625 | 0.4 | 5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/22/2010 | Bis(2-chloroethyl)ether | n/a | < | 0.46 | µg/L | EPA 625 | 0.46 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/22/2010 | Bis(2-chloroisopropyl)ether | n/a | < | 0.48 | µg/L | EPA 625 | 0.48 | 2 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | Bis(2-ethylhexyl)adipate | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | Bis(2-ethylhexyl)phthalate | n/a | < | 1.1 | µg/L | EPA 525.2 | 1.1 | 3 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/22/2010 | Butyl benzyl phthalate | n/a | < | 1 | µg/L | EPA 625 | 1 | 5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | Chrysene | n/a | < | 0.09 | µg/L | EPA 8270Cm | 0.09 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | Dibenz(a,h)anthracene | n/a | < | 0.13 | µg/L | EPA 8270Cm | 0.13 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/22/2010 | Diethyl phthalate | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 2 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/22/2010 | Dimethyl phthalate | n/a | < | 0.26 | µg/L | EPA 625 | 0.26 | 2 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/22/2010 | Di-n-butylphthalate | n/a | DNQ | 0.6 | µg/L | EPA 625 | 0.53 | 5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/22/2010 | Di-n-octylphthalate | n/a | < | 0.28 | µg/L | EPA 625 | 0.28 | 5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | Fluoranthene | n/a | < | 0.2 | µg/L | EPA 8270Cm | 0.2 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | Fluorene | n/a | < | 0.15 | µg/L | EPA 8270Cm | 0.15 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/22/2010 | Hexachlorobenzene | n/a | < | 0.15 | µg/L | EPA 625 | 0.15 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/22/2010 | Hexachlorobutadiene | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/22/2010 | Hexachlorocyclopentadiene | n/a | < | 5 | µg/L | EPA 625 | 5 | 10 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/22/2010 | Hexachloroethane | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | Indeno(1,2,3-cd)pyrene | n/a | < | 0.1 | µg/L | EPA 8270Cm | 0.1 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/22/2010 | Isophorone | n/a | < | 0.33 | µg/L | EPA 625 | 0.33 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | Naphthalene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/22/2010 | Nitrobenzene | n/a | < | 0.37 | µg/L | EPA 625 | 0.37 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/22/2010 | N-Nitrosodimethylamine | n/a | < | 0.36 | µg/L | EPA 625 | 0.36 | 5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/22/2010 | N-Nitrosodi-N-propylamine | n/a | < | 0.41 | µg/L | EPA 625 | 0.41 | 5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/22/2010 | N-Nitrosodiphenylamine | n/a | < | 0.23 | µg/L | EPA 625 | 0.23 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | Phenanthrene | n/a | < | 0.11 | µg/L | EPA 8270Cm | 0.11 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | Phenol | n/a | DNQ | 0.83 | µg/L | EPA 8270Cm | 0.35 | 1 | WKL | EUM |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/25/2010 | Pyrene | n/a | < | 0.21 | µg/L | EPA 8270Cm | 0.21 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/30/2010 | PCB Aroclor 1016 | n/a | < | 0.05 | µg/L | EPA 608 | 0.05 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 1/2010 10:50:00 | 3/30/2010 | PCB Aroclor 1221 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|--------------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | PCB Aroclor 1232 | n/a | < | 0.15 | µg/L | EPA 608 | 0.15 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | PCB Aroclor 1242 | n/a | < | 0.07 | µg/L | EPA 608 | 0.07 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | PCB Aroclor 1248 | n/a | < | 0.06 | µg/L | EPA 608 | 0.06 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | PCB Aroclor 1254 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | PCB Aroclor 1260 | n/a | < | 0.04 | µg/L | EPA 608 | 0.04 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/26/2010 | 2,4,5-T | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.2 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/26/2010 | 2,4,5-TP | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/26/2010 | 2,4-D | n/a | = | 4.8 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/26/2010 | 2,4-DB | n/a | < | 0.42 | µg/L | EPA 515.3 | 0.42 | 2 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | 2,4'-DDD | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | 2,4'-DDE | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | 2,4'-DDT | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/26/2010 | 3,5-Dichlorobenzoic acid | n/a | < | 0.08 | µg/L | EPA 515.3 | 0.08 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | 4,4'-DDD | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.05 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | 4,4'-DDE | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.05 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | 4,4'-DDT | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/26/2010 | Acifluorfen | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | Alachlor | n/a | < | 0.07 | µg/L | EPA 525.2 | 0.07 | 0.1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Aldrin | n/a | < | 0.0015 | µg/L | EPA 608 | 0.0015 | 0.005 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | alpha-BHC | n/a | < | 0.0018 | µg/L | EPA 608 | 0.0018 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | alpha-Chlordane | n/a | < | 0.0041 | µg/L | EPA 608 | 0.0041 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | Atrazine | n/a | < | 0.047 | µg/L | EPA 525.2 | 0.047 | 0.1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Azinphos methyl | n/a | < | 0.0055 | µg/L | EPA 525.2 | 0.0055 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/26/2010 | Bentazon | n/a | < | 0.23 | µg/L | EPA 515.3 | 0.23 | 2 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | beta-BHC | n/a | < | 0.0031 | µg/L | EPA 608 | 0.0031 | 0.005 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Bolstar | n/a | < | 0.0046 | µg/L | EPA 525.2 | 0.0046 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | Bromacil | n/a | < | 0.9 | µg/L | EPA 525.2 | 0.9 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | Butachlor | n/a | < | 0.1 | µg/L | EPA 525.2 | 0.1 | 0.2 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | Captan | n/a | < | 0.86 | µg/L | EPA 525.2 | 0.86 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Chlordane (technical) | n/a | < | 0.08 | µg/L | EPA 608 | 0.08 | 0.1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | Chloropropham | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Chlorpyrifos | n/a | < | 0.0069 | µg/L | EPA 525.2 | 0.0069 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Coumaphos | n/a | < | 0.0051 | µg/L | EPA 525.2 | 0.0051 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | Cyanazine | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/26/2010 | Dalapon | n/a | < | 0.04 | µg/L | EPA 515.3 | 0.04 | 0.4 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/26/2010 | DCPA (Dacthal) | n/a | = | 0.15 | µg/L | EPA 515.3 | 0.02 | 0.1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | delta-BHC | n/a | < | 0.0025 | µg/L | EPA 608 | 0.0025 | 0.005 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Demeton-O | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Demeton-S | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Diazinon | n/a | < | 0.0052 | µg/L | EPA 525.2 | 0.0052 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/26/2010 | Dicamba | n/a | DNQ | 0.59 | µg/L | EPA 515.3 | 0.08 | 0.6 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/26/2010 | Dichlorprop | n/a | < | 0.06 | µg/L | EPA 515.3 | 0.06 | 0.3 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Dichlorvos | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Dieldrin | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Dimethoate | n/a | < | 0.0062 | µg/L | EPA 525.2 | 0.0062 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/26/2010 | Dinoseb | n/a | < | 0.05 | µg/L | EPA 515.3 | 0.05 | 0.4 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | Diphenamid | n/a | < | 0.02 | µg/L | EPA 525.2 | 0.02 | 0.1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Disulfoton | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.01 | WKL | X |

2009/10 Laboratory Environmental Analysis Results

| Site ID | Event ID | Event Type | Sample Date | Analysis Date | Constituent | Fraction | Sign | Result | Units | Method | MDL | Reporting Limit | Analyzing Laboratory | Qualifier |
|---------|-----------|------------|-----------------|---------------|-------------------------------|----------|------|--------|-------|-----------|--------|-----------------|----------------------|-----------|
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Endosulfan I | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.02 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Endosulfan II | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Endosulfan sulfate | n/a | < | 0.008 | µg/L | EPA 608 | 0.008 | 0.05 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Endrin | n/a | < | 0.0028 | µg/L | EPA 608 | 0.0028 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Endrin aldehyde | n/a | < | 0.003 | µg/L | EPA 608 | 0.003 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | EPTC | n/a | < | 0.23 | µg/L | EPA 525.2 | 0.23 | 1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Ethoprop | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Ethyl parathion | n/a | < | 0.0054 | µg/L | EPA 525.2 | 0.0054 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Fensulfothion | n/a | < | 0.0029 | µg/L | EPA 525.2 | 0.0029 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Fenthion | n/a | < | 0.0038 | µg/L | EPA 525.2 | 0.0038 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | gamma-BHC (Lindane) | n/a | < | 0.0021 | µg/L | EPA 608 | 0.0021 | 0.02 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | gamma-Chlordane | n/a | < | 0.0044 | µg/L | EPA 608 | 0.0044 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/22/2010 | Glyphosate | n/a | < | 1.8 | µg/L | EPA 547 | 1.8 | 5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Heptachlor | n/a | < | 0.0017 | µg/L | EPA 608 | 0.0017 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Heptachlor epoxide | n/a | < | 0.0019 | µg/L | EPA 608 | 0.0019 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Malathion | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Merphos | n/a | < | 0.0058 | µg/L | EPA 525.2 | 0.0058 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Methoxychlor | n/a | < | 0.0054 | µg/L | EPA 608 | 0.0054 | 0.02 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Methyl parathion | n/a | < | 0.0063 | µg/L | EPA 525.2 | 0.0063 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | Metolachlor | n/a | < | 0.056 | µg/L | EPA 525.2 | 0.056 | 0.1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | Metribuzin | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Mevinphos | n/a | < | 0.0042 | µg/L | EPA 525.2 | 0.0042 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Mirex | n/a | < | 0.01 | µg/L | EPA 608 | 0.01 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | Molinate | n/a | < | 0.051 | µg/L | EPA 525.2 | 0.051 | 0.1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Naled | n/a | < | 0.0076 | µg/L | EPA 525.2 | 0.0076 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/26/2010 | Pentachlorophenol | n/a | < | 0.02 | µg/L | EPA 515.3 | 0.02 | 0.2 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Phorate | n/a | < | 0.003 | µg/L | EPA 525.2 | 0.003 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/26/2010 | Picloram | n/a | < | 0.34 | µg/L | EPA 515.3 | 0.34 | 0.6 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | Prometon | n/a | < | 0.16 | µg/L | EPA 525.2 | 0.16 | 0.2 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | Prometryn | n/a | < | 0.074 | µg/L | EPA 525.2 | 0.074 | 0.1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Ronnel (Fenchlorphos) | n/a | < | 0.0041 | µg/L | EPA 525.2 | 0.0041 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | Simazine | n/a | < | 0.083 | µg/L | EPA 525.2 | 0.083 | 0.1 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Stirophos (Tetrachlorvinphos) | n/a | < | 0.0031 | µg/L | EPA 525.2 | 0.0031 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | Terbacil | n/a | < | 0.55 | µg/L | EPA 525.2 | 0.55 | 2 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | Thiobencarb | n/a | < | 0.11 | µg/L | EPA 525.2 | 0.11 | 0.2 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Tokuthion | n/a | < | 0.0078 | µg/L | EPA 525.2 | 0.0078 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/30/2010 | Toxaphene | n/a | < | 0.12 | µg/L | EPA 608 | 0.12 | 0.5 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 4/12/2010 | Trichloronate | n/a | < | 0.0067 | µg/L | EPA 525.2 | 0.0067 | 0.01 | WKL | X |
| MO-VEN | 2009/10-4 | Dry | 2/2010 10:50:00 | 3/25/2010 | Trithion | n/a | < | 0.01 | µg/L | EPA 525.2 | 0.01 | 0.1 | WKL | X |

Appendix H. RWQCB Permission of Toxicity Species Substitution



California Regional Water Quality Control Board Los Angeles Region



Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

Linda S. Adams
Agency Secretary

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.waterboards.ca.gov/losangeles>

Arnold Schwarzenegger
Governor

October 28, 2009

Ms. Norma Camacho, Director
Ventura County Watershed Protection District
800 South Victoria Ave., L#1600
Ventura, CA 93009-1600

Certified Mail
Return Receipt Requested
Claim No. 7009 0820 0001 6811 7509

**SUBJECT: TOXICITY TEST SPECIES SUBSTITUTION, VENTURA COUNTY
MUNICIPAL SEPARATE STORM SEWER SYSTEM DISCHARGE (MS4)
PERMIT (BOARD ORDER No. 09-0057; NPDES No. CAS004002)**

Dear Ms. Camacho:

On October 14, 2009, the Regional Board staff received a request from the Ventura County Watershed Protection District (County) to substitute topmelt, *Atherinops affinis*, with the inland silverside, *Menidia beryllina*, due to the unavailability of topmelt from the supplier. After consultation with US EPA staff, Regional Board staff denied the request. On October 15, 2009, the Regional Board received an e-mail from the County, titled "Notification of toxicity exception - (species unavailable) Ventura County MS4 NPDES Permit Order No. 09-0057 (Monitoring Program)". The County's e-mail communication was submitted pursuant to requirements in subparts D.5 and D.8(b) of the Ventura County MS4 Permit's Monitoring Program (Monitoring Program), which requires an explanation of the circumstance with documentation when toxicity tests cannot be performed to comply with the requirements of this permit, and written authorization from the Regional Board Executive Officer to substitute test species.

In order to evaluate the appropriateness of substituting topmelt, *Atherinops affinis*, with the inland silverside, *Menidia beryllina*, in toxicity testing at mass emissions stations in the future, the Regional Board requires the County to conduct comparative static renewal toxicity tests on both species as follows. During the next storm event of this permit year (2009-10) and the first storm event of next permit year (2010-11), the County shall conduct toxicity tests on both topmelt, *Atherinops affinis*, and the inland silverside, *Menidia beryllina*, along with giant kelp, *Macrocystis pyrifera*, and the purple sea urchin, *Strongylocentrotus purpuratus*, pursuant to subpart D.8(a) of the Monitoring Program. The County shall submit the results of the comparative toxicity tests as part of its reporting requirements.

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WATERSHED PROTECTION DIST.

Ms. Norma Camacho, Director
Ventura County Watershed Protection District

- 2 of 2 -

October 28, 2009

In the event that topsmelt, *Atherinops affinis*, is unavailable for testing during future sampling events conducted under the Monitoring Program, the County shall follow the protocol set forth in subpart D.5 of the Monitoring Program. The County shall notify the Regional Board by phone and e-mail as soon as possible if a test species is unavailable. Notification shall be sent directly to me as well as Tracy Woods, Stormwater Permitting Unit, with a copy to Renee Purdy, Chief, Regional Programs Section. The County shall submit to the Regional Board documentation of species unavailability from both the County's contract lab and the contract lab's supplier at least 48 hours prior to the planned sampling event to provide adequate time for my staff to evaluate any request for species substitution. Any approval or denial of a request for species substitution must be authorized pursuant to subpart D.8(b) of the Monitoring Program.

If you have any questions, please contact me at (213) 576-6605, or Renee Purdy at (213) 576-6783.

Sincerely,



Tracy J. Egoscue,
Executive Officer

cc: Mr. Bruce Fujimoto, Division of Water Quality, State Water Resources Control Board
Mr. Gerhardt Hubner, Ventura County Watershed Protection District
Mr. Arne Anselm, Ventura County Watershed Protection District

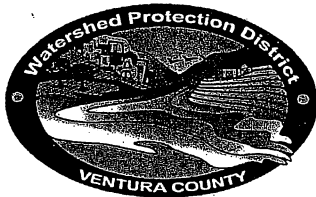
California Environmental Protection Agency



Recycled Paper

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Appendix I. Aquatic Toxicity Testing Lab Results



Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Toxicity - ABC Laboratories

Sampling Date: 10/13/09 Sample Event: EVENT 1
 Sampling Team: K. HAHS, T. LIDDELL, WB CAREY

| SAMPLE ID | DATE/TIME COLLECTED | Chronic toxicity - topsmelt (<i>Atherinops affinis</i>) | Chronic toxicity - giant kelp (<i>Macrocystis pyrifera</i>) | Chronic toxicity - purple sea urchin (<i>Strongylocentrotus purpuratus</i>) | Chronic toxicity - fathead minnow (<i>Pimephales promelas</i>) | Chronic toxicity - daphnid (<i>Ceriodaphnia dubia</i>) | Chronic toxicity - green alga (<i>Raphidocelis subcapitata</i>) | Number of 5-Gallon Buckets | NOTES |
|------------------|---------------------|---|---|---|--|--|---|----------------------------|--------|
| ME-CC | 10/13/09 18:45 | X | X | X | | | | 2 | Note 1 |
| ME-SCR | 10/13/09 22:45 | X | X | X | | | | 2 | Note 1 |
| ME-VR2 | 10/13/09 21:50 | X | X | X | | | | 2 | Note 1 |
| Camarillo-1 | 10/13/09 18:30 | | | | X | X | X | 2 | Note 1 |
| Ojai-1 | 10/13/09 20:50 | | | | X | X | X | 2 | Note 1 |
| VCMeiners Oaks-1 | 10/13/09 20:15 | | | | X | X | X | 2 | Note 1 |
| Ventura-1 | 10/13/09 23:15 | | | | X | X | X | 2 | Note 1 |
| | | | | | | | | | |
| | | | | | | | | | |

Relinquished Printed Name KELLY HAHS
 Signature [Signature]
 Affiliation VCWPD Date/Time 10/14/09 / 10:40

Received Printed Name E. MATUENO
 Signature [Signature]
 Affiliation Date/Time 10-14-09 WJD

Other Notes: Note 1: Please execute TIE if mortality > 50%
Dilutions 6.25, 12.5, 25, 50, 100%

* Organisms were unavailable, TEMP = 5.9 °C
See attached. CHROMIUM = 20.1



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

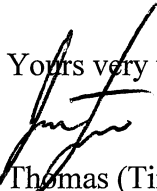
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Estuarine Organisms*, EPA/R-95/136. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | ME-CC |
| DATE RECEIVED: | 10/14/2009 |
| ABC LAB. NO.: | VCF1009.145 |

CHRONIC KELP GERMINATION AND GROWTH BIOASSAY

| | | |
|-------------|-------------------|-----------|
| Germination | NOEC = | 100.00 |
| | TU _c = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |
| Tube Length | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 14:32 (p 1 of 2)
Test Code: 12-5269-2177/VCF1009145k

| Macrocystis Germination and Germ Tube Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | | | |
|---|-----------------|------------|-------------------------|--|---------------------|--|--|
| Batch ID: | 01-6144-2367 | Test Type: | Growth-Germination | Analyst: | | | |
| Start Date: | 14 Oct-09 13:00 | Protocol: | EPA/600/R-95/136 (1995) | Diluent: | Laboratory Seawater | | |
| Ending Date: | 16 Oct-09 13:00 | Species: | Macrocystis pyrifera | Brine: | Not Applicable | | |
| Duration: | 48h | Source: | David Gutoff | Age: | | | |
| Sample ID: | 03-1184-5750 | Code: | VCF1009145k | Client: | VCWPD | | |
| Sample Date: | 13 Oct-09 18:45 | Material: | Sample Water | Project: | Event 1 | | |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | | | |
| Sample Age: | 18h (5.8 °C) | Station: | ME-CC | | | | |

| Comparison Summary | | | | | | | |
|--------------------|------------------|------|------|------|-------|----|------------------------------------|
| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
| 16-9451-1195 | Germination Rate | 100 | >100 | N/A | 5.36% | 1 | Dunnett's Multiple Comparison Test |
| 16-5165-8433 | Mean Length | 100 | >100 | N/A | 5.19% | 1 | Dunnett's Multiple Comparison Test |

| Point Estimate Summary | | | | | | | |
|------------------------|------------------|-------|------|---------|---------|----|------------------------------|
| Analysis ID | Endpoint | Level | % | 95% LCL | 95% UCL | TU | Method |
| 01-9537-1341 | Germination Rate | EC5 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | EC10 | >100 | N/A | N/A | <1 | |
| | | EC15 | >100 | N/A | N/A | <1 | |
| | | EC20 | >100 | N/A | N/A | <1 | |
| | | EC25 | >100 | N/A | N/A | <1 | |
| | | EC40 | >100 | N/A | N/A | <1 | |
| | | EC50 | >100 | N/A | N/A | <1 | |
| 15-4620-9652 | Mean Length | IC5 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | IC10 | >100 | N/A | N/A | <1 | |
| | | IC15 | >100 | N/A | N/A | <1 | |
| | | IC20 | >100 | N/A | N/A | <1 | |
| | | IC25 | >100 | N/A | N/A | <1 | |
| | | IC40 | >100 | N/A | N/A | <1 | |
| | | IC50 | >100 | N/A | N/A | <1 | |

| Test Acceptability | | | | | | |
|--------------------|------------------|--------------|-----------|------------|---------|----------------------|
| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
| 01-9537-1341 | Germination Rate | Control Resp | 0.896 | 0.7 - NL | Yes | Result Within Limits |
| 16-9451-1195 | Germination Rate | Control Resp | 0.896 | 0.7 - NL | Yes | Result Within Limits |
| 15-4620-9652 | Mean Length | Control Resp | 14.16 | 10 - NL | Yes | Result Within Limits |
| 16-5165-8433 | Mean Length | Control Resp | 14.16 | 10 - NL | Yes | Result Within Limits |
| 16-9451-1195 | Germination Rate | PMSD | 0.05361 | NL - 0.2 | No | Result Within Limits |
| 16-5165-8433 | Mean Length | PMSD | 0.05193 | NL - 0.2 | No | Result Within Limits |

| Germination Rate Summary | | | | | | | | | | | |
|--------------------------|------------------|-------|-------|---------|---------|------|------|----------|---------|-------|--------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 5 | 0.896 | 0.8898 | 0.9022 | 0.88 | 0.92 | 0.003055 | 0.01673 | 1.87% | 0.0% |
| 6.25 | | 5 | 0.902 | 0.8959 | 0.9081 | 0.88 | 0.92 | 0.003 | 0.01643 | 1.82% | -0.67% |
| 12.5 | | 5 | 0.936 | 0.9224 | 0.9496 | 0.89 | 0.98 | 0.006658 | 0.03647 | 3.9% | -4.46% |
| 25 | | 5 | 0.918 | 0.9103 | 0.9257 | 0.9 | 0.95 | 0.003742 | 0.02049 | 2.23% | -2.46% |
| 50 | | 5 | 0.898 | 0.8913 | 0.9047 | 0.88 | 0.92 | 0.003266 | 0.01789 | 1.99% | -0.22% |
| 100 | | 5 | 0.928 | 0.9164 | 0.9396 | 0.9 | 0.97 | 0.005686 | 0.03114 | 3.36% | -3.57% |

| Mean Length Summary | | | | | | | | | | | |
|---------------------|------------------|-------|-------|---------|---------|------|------|---------|---------|-------|--------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 5 | 14.16 | 14.07 | 14.25 | 13.8 | 14.4 | 0.04203 | 0.2302 | 1.63% | 0.0% |
| 6.25 | | 5 | 14.5 | 14.25 | 14.75 | 13.9 | 15.6 | 0.1211 | 0.6633 | 4.58% | -2.4% |
| 12.5 | | 5 | 14.26 | 14.15 | 14.37 | 13.8 | 14.6 | 0.05416 | 0.2966 | 2.08% | -0.71% |
| 25 | | 5 | 14.12 | 13.92 | 14.32 | 13.5 | 14.7 | 0.09695 | 0.531 | 3.76% | 0.28% |
| 50 | | 5 | 14.34 | 14.12 | 14.56 | 13.5 | 14.9 | 0.1069 | 0.5857 | 4.08% | -1.27% |
| 100 | | 5 | 14.36 | 14.17 | 14.55 | 13.9 | 15.1 | 0.09092 | 0.498 | 3.47% | -1.41% |

CETIS Summary Report

Report Date: 03 Nov-09 14:32 (p 2 of 2)
Test Code: 12-5269-2177/VCF1009145k

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Germination Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 0.92 | 0.9 | 0.88 | 0.88 | 0.9 |
| 6.25 | | 0.92 | 0.91 | 0.91 | 0.88 | 0.89 |
| 12.5 | | 0.89 | 0.98 | 0.96 | 0.94 | 0.91 |
| 25 | | 0.95 | 0.92 | 0.9 | 0.92 | 0.9 |
| 50 | | 0.88 | 0.91 | 0.9 | 0.92 | 0.88 |
| 100 | | 0.97 | 0.95 | 0.9 | 0.92 | 0.9 |

Mean Length Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 13.8 | 14.4 | 14.2 | 14.3 | 14.1 |
| 6.25 | | 15.6 | 13.9 | 14.2 | 14.6 | 14.2 |
| 12.5 | | 14.4 | 14.6 | 13.8 | 14.3 | 14.2 |
| 25 | | 14.1 | 13.5 | 13.7 | 14.6 | 14.7 |
| 50 | | 14.9 | 13.5 | 14 | 14.8 | 14.5 |
| 100 | | 14.4 | 13.9 | 14.5 | 13.9 | 15.1 |

CETIS Measurement Report

Report Date: 03 Nov-09 14:32 (p 1 of 2)
Test Code: 12-5269-2177/VCF1009145k

| Macrocystis Germination and Germ Tube Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | |
|---|-----------------|------------|-------------------------|--|------------------------------|
| Batch ID: | 01-6144-2367 | Test Type: | Growth-Germination | | Analyst: |
| Start Date: | 14 Oct-09 13:00 | Protocol: | EPA/600/R-95/136 (1995) | | Diluent: Laboratory Seawater |
| Ending Date: | 16 Oct-09 13:00 | Species: | Macrocystis pyrifera | | Brine: Not Applicable |
| Duration: | 48h | Source: | David Guttoff | | Age: |
| Sample ID: | 03-1184-5750 | Code: | VCF1009145k | | Client: VCWPD |
| Sample Date: | 13 Oct-09 18:45 | Material: | Sample Water | | Project: Event 1 |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | |
| Sample Age: | 18h (5.8 °C) | Station: | ME-CC | | |

| Dissolved Oxygen-mg/L | | | | | | | | | | | |
|-----------------------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 6.5 | 6.261 | 6.739 | 6 | 7 | 0.1179 | 0.7071 | 10.88% | 0 |
| 6.25 | | 2 | 6.35 | 6.135 | 6.565 | 5.9 | 6.8 | 0.1061 | 0.6364 | 10.02% | 0 |
| 12.5 | | 2 | 6.2 | 6.056 | 6.344 | 5.9 | 6.5 | 0.07071 | 0.4243 | 6.84% | 0 |
| 25 | | 2 | 5.65 | 5.483 | 5.817 | 5.3 | 6 | 0.0825 | 0.495 | 8.76% | 0 |
| 50 | | 2 | 6.05 | 5.835 | 6.265 | 5.6 | 6.5 | 0.1061 | 0.6364 | 10.52% | 0 |
| 100 | | 2 | 6.3 | 6.156 | 6.444 | 6 | 6.6 | 0.07071 | 0.4243 | 6.73% | 0 |
| Overall | | 12 | 6.175 | | | 5.3 | 7 | | | | 0 (0%) |

| Light Level-Lux | | | | | | | | | | | |
|-----------------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 1 | 701 | | | 701 | 701 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 1 | 701 | | | 701 | 701 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 1 | 701 | | | 701 | 701 | 0 | 0 | 0.0% | 0 |
| 25 | | 1 | 701 | | | 701 | 701 | 0 | 0 | 0.0% | 0 |
| 50 | | 1 | 701 | | | 701 | 701 | 0 | 0 | 0.0% | 0 |
| 100 | | 1 | 701 | | | 701 | 701 | 0 | 0 | 0.0% | 0 |
| Overall | | 6 | 701 | | | 701 | 701 | | | | 0 (0%) |

| pH-Units | | | | | | | | | | | |
|----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 8 | 8 | 8 | 8 | 8 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 2 | 8.05 | 8.026 | 8.074 | 8 | 8.1 | 0.01179 | 0.07073 | 0.88% | 0 |
| 12.5 | | 2 | 8.05 | 8.026 | 8.074 | 8 | 8.1 | 0.01179 | 0.07073 | 0.88% | 0 |
| 25 | | 2 | 8.1 | 8.052 | 8.148 | 8 | 8.2 | 0.02357 | 0.1414 | 1.75% | 0 |
| 50 | | 2 | 8.15 | 8.126 | 8.174 | 8.1 | 8.2 | 0.01179 | 0.07073 | 0.87% | 0 |
| 100 | | 2 | 8.1 | 8.052 | 8.148 | 8 | 8.2 | 0.02357 | 0.1414 | 1.75% | 0 |
| Overall | | 12 | 8.075 | | | 8 | 8.2 | | | | 0 (0%) |

| Salinity-ppt | | | | | | | | | | | |
|--------------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 50 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 34 | | | 34 | 34 | | | | 0 (0%) |

| Temperature-°C | | | | | | | | | | | |
|----------------|----------------|-------|------|---------|---------|------|------|---------|---------|-------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 15.3 | 15.25 | 15.35 | 15.2 | 15.4 | 0.02357 | 0.1414 | 0.92% | 0 |
| 6.25 | | 2 | 15.3 | 15.25 | 15.35 | 15.2 | 15.4 | 0.02357 | 0.1414 | 0.92% | 0 |
| 12.5 | | 2 | 15.3 | 15.25 | 15.35 | 15.2 | 15.4 | 0.02357 | 0.1414 | 0.92% | 0 |
| 25 | | 2 | 15.3 | 15.25 | 15.35 | 15.2 | 15.4 | 0.02357 | 0.1414 | 0.92% | 0 |
| 50 | | 2 | 15.3 | 15.25 | 15.35 | 15.2 | 15.4 | 0.02357 | 0.1414 | 0.92% | 0 |
| 100 | | 2 | 15.3 | 15.25 | 15.35 | 15.2 | 15.4 | 0.02357 | 0.1414 | 0.92% | 0 |
| Overall | | 12 | 15.3 | | | 15.2 | 15.4 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 03 Nov-09 14:32 (p 2 of 2)
Test Code: 12-5269-2177/VCF1009145k

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|-----|
| 0 | Negative Contr | 7 | 6 |
| 6.25 | | 6.8 | 5.9 |
| 12.5 | | 6.5 | 5.9 |
| 25 | | 6 | 5.3 |
| 50 | | 6.5 | 5.6 |
| 100 | | 6.6 | 6 |

Light Level-Lux

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|---|
| 0 | Negative Contr | 701 | |
| 6.25 | | 701 | |
| 12.5 | | 701 | |
| 25 | | 701 | |
| 50 | | 701 | |
| 100 | | 701 | |

pH-Units

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|-----|
| 0 | Negative Contr | 8 | 8 |
| 6.25 | | 8.1 | 8 |
| 12.5 | | 8.1 | 8 |
| 25 | | 8.2 | 8 |
| 50 | | 8.2 | 8.1 |
| 100 | | 8.2 | 8 |

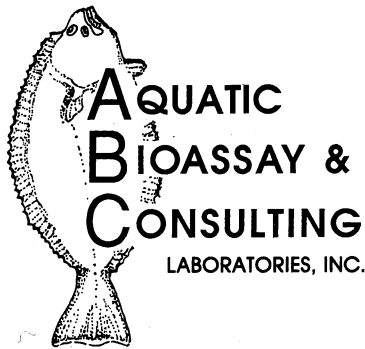
Salinity-ppt

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|----|----|
| 0 | Negative Contr | 34 | 34 |
| 6.25 | | 34 | 34 |
| 12.5 | | 34 | 34 |
| 25 | | 34 | 34 |
| 50 | | 34 | 34 |
| 100 | | 34 | 34 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|------|------|
| 0 | Negative Contr | 15.2 | 15.4 |
| 6.25 | | 15.2 | 15.4 |
| 12.5 | | 15.2 | 15.4 |
| 25 | | 15.2 | 15.4 |
| 50 | | 15.2 | 15.4 |
| 100 | | 15.2 | 15.4 |





TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms*, EPA-600/R95/136, 1995. Results were as follows:

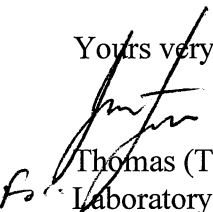
| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | ME-CC |
| DATE RECEIVED: | 10/14/2009 |
| ABC LAB. NO.: | VCF1009.145 |

CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

NOEC = 100.00 %
TU_c = 1.00

IC₂₅ = >100.00 %
IC₅₀ = >100.00 %

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 15:11 (p 1 of 1)
Test Code: 15-8345-0082/VCF1009145u

| Purple Sea Urchin Sperm Cell Fertilization Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | | | |
|---|-----------------|------------|-------------------------------|--|---------------------|--|--|
| Batch ID: | 08-6502-2240 | Test Type: | Fertilization | Analyst: | | | |
| Start Date: | 15 Oct-09 16:00 | Protocol: | EPA/600/R-95/136 (1995) | Diluent: | Laboratory Seawater | | |
| Ending Date: | 15 Oct-09 17:00 | Species: | Strongylocentrotus purpuratus | Brine: | Not Applicable | | |
| Duration: | 60m | Source: | David Gutoff | Age: | | | |
| Sample ID: | 01-1722-0275 | Code: | VCF1009145u | Client: | VCWPD | | |
| Sample Date: | 13 Oct-09 18:45 | Material: | Sample Water | Project: | Event 1 | | |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | | | |
| Sample Age: | 45h (5.8 °C) | Station: | ME-CC | | | | |

| Comparison Summary | | | | | | | |
|------------------------|--------------------|-------|------|---------|---------|----|------------------------------|
| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
| 00-9763-7259 | Fertilization Rate | 100 | >100 | N/A | 0.25% | 1 | Steel Many-One Rank Test |
| Point Estimate Summary | | | | | | | |
| Analysis ID | Endpoint | Level | % | 95% LCL | 95% UCL | TU | Method |
| 19-5348-7460 | Fertilization Rate | EC5 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | EC10 | >100 | N/A | N/A | <1 | |
| | | EC15 | >100 | N/A | N/A | <1 | |
| | | EC20 | >100 | N/A | N/A | <1 | |
| | | EC25 | >100 | N/A | N/A | <1 | |
| | | EC40 | >100 | N/A | N/A | <1 | |
| | | EC50 | >100 | N/A | N/A | <1 | |

| Test Acceptability | | | | | | |
|--------------------|--------------------|--------------|-----------|------------|---------|----------------------|
| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
| 00-9763-7259 | Fertilization Rate | Control Resp | 1 | 0.7 - NL | Yes | Result Within Limits |
| 19-5348-7460 | Fertilization Rate | Control Resp | 1 | 0.7 - NL | Yes | Result Within Limits |
| 00-9763-7259 | Fertilization Rate | PMSD | 0.0025 | NL - 0.25 | No | Result Within Limits |

| Fertilization Rate Summary | | | | | | | | | | | |
|----------------------------|------------------|-------|------|---------|---------|-----|-----|---------|---------|------|-------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 6.25 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 12.5 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 25 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 50 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 100 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |

| Fertilization Rate Detail | | | | | |
|---------------------------|------------------|-------|-------|-------|-------|
| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
| 0 | Negative Control | 1 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 1 | 1 |
| 100 | | 1 | 1 | 1 | 1 |

CETIS Measurement Report

Report Date: 03 Nov-09 15:11 (p 1 of 2)
Test Code: 15-8345-0082/VCF1009145u

| Purple Sea Urchin Sperm Cell Fertilization Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | | | |
|---|-----------------|------------|-------------------------------|--|---------------------|--|--|
| Batch ID: | 08-6502-2240 | Test Type: | Fertilization | Analyst: | | | |
| Start Date: | 15 Oct-09 16:00 | Protocol: | EPA/600/R-95/136 (1995) | Diluent: | Laboratory Seawater | | |
| Ending Date: | 15 Oct-09 17:00 | Species: | Strongylocentrotus purpuratus | Brine: | Not Applicable | | |
| Duration: | 60m | Source: | David Guttoff | Age: | | | |
| Sample ID: | 01-1722-0275 | Code: | VCF1009145u | Client: | VCWPD | | |
| Sample Date: | 13 Oct-09 18:45 | Material: | Sample Water | Project: | Event 1 | | |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | | | |
| Sample Age: | 45h (5.8 °C) | Station: | ME-CC | | | | |

| Parameter Acceptability | | | | | |
|-------------------------|------|------|----------------------|---------|-----------------------|
| Parameter | Min | Max | Acceptability Limits | Overlap | Decision |
| Salinity-ppt | 34 | 34 | 32 - 36 | Yes | Results Within Limits |
| Temperature-°C | 15.2 | 15.5 | 11 - 13 | Yes | Results Above Limit |

| Dissolved Oxygen-mg/L | | | | | | | | | | | |
|-----------------------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 6.15 | 5.935 | 6.365 | 5.7 | 6.6 | 0.1061 | 0.6364 | 10.35% | 0 |
| 6.25 | | 2 | 6.05 | 5.787 | 6.313 | 5.5 | 6.6 | 0.1296 | 0.7778 | 12.86% | 0 |
| 12.5 | | 2 | 6.05 | 5.835 | 6.265 | 5.6 | 6.5 | 0.1061 | 0.6364 | 10.52% | 0 |
| 25 | | 2 | 6.1 | 5.861 | 6.339 | 5.6 | 6.6 | 0.1179 | 0.7071 | 11.59% | 0 |
| 50 | | 2 | 5.85 | 5.683 | 6.017 | 5.5 | 6.2 | 0.0825 | 0.495 | 8.46% | 0 |
| 100 | | 2 | 5.65 | 5.53 | 5.77 | 5.4 | 5.9 | 0.05893 | 0.3536 | 6.26% | 0 |
| Overall | | 12 | 5.975 | | | 5.4 | 6.6 | | | | 0 (0%) |

| pH-Units | | | | | | | | | | | |
|----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 6.25 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 12.5 | | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| 25 | | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| 50 | | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 7.917 | | | 7.9 | 8 | | | | 0 (0%) |

| Salinity-ppt | | | | | | | | | | | |
|--------------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 50 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 34 | | | 34 | 34 | | | | 0 (0%) |

| Temperature-°C | | | | | | | | | | | |
|----------------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 15.45 | 15.43 | 15.47 | 15.4 | 15.5 | 0.01179 | 0.07071 | 0.46% | 0 |
| 6.25 | | 2 | 15.45 | 15.43 | 15.47 | 15.4 | 15.5 | 0.01179 | 0.07071 | 0.46% | 0 |
| 12.5 | | 2 | 15.45 | 15.43 | 15.47 | 15.4 | 15.5 | 0.01179 | 0.07071 | 0.46% | 0 |
| 25 | | 2 | 15.45 | 15.43 | 15.47 | 15.4 | 15.5 | 0.01179 | 0.07071 | 0.46% | 0 |
| 50 | | 2 | 15.45 | 15.43 | 15.47 | 15.4 | 15.5 | 0.01179 | 0.07071 | 0.46% | 0 |
| 100 | | 2 | 15.35 | 15.28 | 15.42 | 15.2 | 15.5 | 0.03536 | 0.2121 | 1.38% | 0 |
| Overall | | 12 | 15.43 | | | 15.2 | 15.5 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 03 Nov-09 15:11 (p 2 of 2)
Test Code: 15-8345-0082/VCF1009145u

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|-----|
| 0 | Negative Contr | 6.6 | 5.7 |
| 6.25 | | 6.6 | 5.5 |
| 12.5 | | 6.5 | 5.6 |
| 25 | | 6.6 | 5.6 |
| 50 | | 6.2 | 5.5 |
| 100 | | 5.9 | 5.4 |

pH-Units

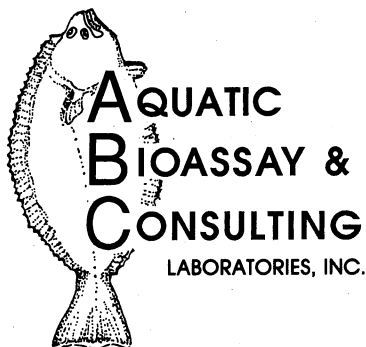
| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|-----|
| 0 | Negative Contr | 8 | 7.9 |
| 6.25 | | 8 | 7.9 |
| 12.5 | | 7.9 | 7.9 |
| 25 | | 7.9 | 7.9 |
| 50 | | 7.9 | 7.9 |
| 100 | | 7.9 | 7.9 |

Salinity-ppt

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|----|----|
| 0 | Negative Contr | 34 | 34 |
| 6.25 | | 34 | 34 |
| 12.5 | | 34 | 34 |
| 25 | | 34 | 34 |
| 50 | | 34 | 34 |
| 100 | | 34 | 34 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|------|------|
| 0 | Negative Contr | 15.5 | 15.4 |
| 6.25 | | 15.5 | 15.4 |
| 12.5 | | 15.5 | 15.4 |
| 25 | | 15.5 | 15.4 |
| 50 | | 15.5 | 15.4 |
| 100 | | 15.5 | 15.2 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Estuarine Organisms*, EPA/R-95/136. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | ME-SCR |
| DATE RECEIVED: | 10/14/2009 |
| ABC LAB. NO.: | VCF1009.146 |

CHRONIC KELP GERMINATION AND GROWTH BIOASSAY

| | | |
|-------------|--------|-----------|
| Germination | NOEC = | 100.00 |
| | TUc = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |
| Tube Length | NOEC = | 100.00 % |
| | TUc = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 14:54 (p 1 of 2)
Test Code: 05-7025-4467/VCF1009146k

| Macrocystis Germination and Germ Tube Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | | | |
|---|-----------------|------------|-------------------------|--|---------------------|--|--|
| Batch ID: | 13-1835-5585 | Test Type: | Growth-Germination | Analyst: | | | |
| Start Date: | 14 Oct-09 13:01 | Protocol: | EPA/600/R-95/136 (1995) | Diluent: | Laboratory Seawater | | |
| Ending Date: | 16 Oct-09 13:00 | Species: | Macrocystis pyrifera | Brine: | Not Applicable | | |
| Duration: | 48h | Source: | David Guttoff | Age: | | | |
| Sample ID: | 12-7014-9522 | Code: | VCF1009146k | Client: | VCWPD | | |
| Sample Date: | 13 Oct-09 22:45 | Material: | Sample Water | Project: | Event 1 | | |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | | | |
| Sample Age: | 14h (5.8 °C) | Station: | ME-SCR | | | | |

| Comparison Summary | | | | | | | |
|--------------------|------------------|------|------|------|-------|----|------------------------------------|
| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
| 08-8191-2434 | Germination Rate | 100 | >100 | N/A | 2.89% | 1 | Dunnett's Multiple Comparison Test |
| 14-3131-4857 | Mean Length | 100 | >100 | N/A | 3.73% | 1 | Dunnett's Multiple Comparison Test |

| Point Estimate Summary | | | | | | | |
|------------------------|------------------|-------|------|---------|---------|----|------------------------------|
| Analysis ID | Endpoint | Level | % | 95% LCL | 95% UCL | TU | Method |
| 16-4210-0189 | Germination Rate | EC5 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | EC10 | >100 | N/A | N/A | <1 | |
| | | EC15 | >100 | N/A | N/A | <1 | |
| | | EC20 | >100 | N/A | N/A | <1 | |
| | | EC25 | >100 | N/A | N/A | <1 | |
| | | EC40 | >100 | N/A | N/A | <1 | |
| | | EC50 | >100 | N/A | N/A | <1 | |
| 14-1599-2667 | Mean Length | IC5 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | IC10 | >100 | N/A | N/A | <1 | |
| | | IC15 | >100 | N/A | N/A | <1 | |
| | | IC20 | >100 | N/A | N/A | <1 | |
| | | IC25 | >100 | N/A | N/A | <1 | |
| | | IC40 | >100 | N/A | N/A | <1 | |
| | | IC50 | >100 | N/A | N/A | <1 | |

| Test Acceptability | | | | | | |
|--------------------|------------------|--------------|-----------|------------|---------|----------------------|
| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
| 08-8191-2434 | Germination Rate | Control Resp | 0.874 | 0.7 - NL | Yes | Result Within Limits |
| 16-4210-0189 | Germination Rate | Control Resp | 0.874 | 0.7 - NL | Yes | Result Within Limits |
| 14-1599-2667 | Mean Length | Control Resp | 13.54 | 10 - NL | Yes | Result Within Limits |
| 14-3131-4857 | Mean Length | Control Resp | 13.54 | 10 - NL | Yes | Result Within Limits |
| 08-8191-2434 | Germination Rate | PMSD | 0.02887 | NL - 0.2 | No | Result Within Limits |
| 14-3131-4857 | Mean Length | PMSD | 0.03725 | NL - 0.2 | No | Result Within Limits |

| Germination Rate Summary | | | | | | | | | | | |
|--------------------------|------------------|-------|-------|---------|---------|------|------|----------|----------|-------|--------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 5 | 0.874 | 0.872 | 0.876 | 0.87 | 0.88 | 0.001 | 0.005477 | 0.63% | 0.0% |
| 6.25 | | 5 | 0.888 | 0.8799 | 0.8961 | 0.87 | 0.92 | 0.003958 | 0.02168 | 2.44% | -1.6% |
| 12.5 | | 5 | 0.896 | 0.8883 | 0.9037 | 0.88 | 0.93 | 0.003786 | 0.02074 | 2.31% | -2.52% |
| 25 | | 5 | 0.862 | 0.8603 | 0.8637 | 0.86 | 0.87 | 0.000817 | 0.004472 | 0.52% | 1.37% |
| 50 | | 5 | 0.882 | 0.8759 | 0.8881 | 0.86 | 0.9 | 0.003 | 0.01643 | 1.86% | -0.92% |
| 100 | | 5 | 0.892 | 0.8879 | 0.8961 | 0.88 | 0.91 | 0.002 | 0.01095 | 1.23% | -2.06% |

| Mean Length Summary | | | | | | | | | | | |
|---------------------|------------------|-------|-------|---------|---------|------|------|---------|---------|-------|--------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 5 | 13.54 | 13.41 | 13.67 | 13 | 13.9 | 0.06403 | 0.3507 | 2.59% | 0.0% |
| 6.25 | | 5 | 13.6 | 13.4 | 13.8 | 13.2 | 14.5 | 0.09574 | 0.5244 | 3.86% | -0.44% |
| 12.5 | | 5 | 13.56 | 13.46 | 13.66 | 13.2 | 13.9 | 0.04761 | 0.2608 | 1.92% | -0.15% |
| 25 | | 5 | 13.56 | 13.5 | 13.62 | 13.3 | 13.7 | 0.03055 | 0.1673 | 1.23% | -0.15% |
| 50 | | 5 | 13.62 | 13.5 | 13.74 | 13.2 | 14 | 0.05972 | 0.3271 | 2.4% | -0.59% |
| 100 | | 5 | 13.64 | 13.53 | 13.75 | 13.3 | 14 | 0.0526 | 0.2881 | 2.11% | -0.74% |

CETIS Summary Report

Report Date: 03 Nov-09 14:54 (p 2 of 2)
Test Code: 05-7025-4467/VCF1009146k

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Germination Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 0.87 | 0.87 | 0.87 | 0.88 | 0.88 |
| 6.25 | | 0.92 | 0.9 | 0.88 | 0.87 | 0.87 |
| 12.5 | | 0.89 | 0.9 | 0.93 | 0.88 | 0.88 |
| 25 | | 0.87 | 0.86 | 0.86 | 0.86 | 0.86 |
| 50 | | 0.9 | 0.87 | 0.89 | 0.89 | 0.86 |
| 100 | | 0.89 | 0.91 | 0.89 | 0.89 | 0.88 |

Mean Length Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 13.9 | 13.8 | 13.5 | 13.5 | 13 |
| 6.25 | | 14.5 | 13.3 | 13.4 | 13.2 | 13.6 |
| 12.5 | | 13.2 | 13.5 | 13.9 | 13.7 | 13.5 |
| 25 | | 13.7 | 13.5 | 13.6 | 13.3 | 13.7 |
| 50 | | 14 | 13.5 | 13.2 | 13.9 | 13.5 |
| 100 | | 14 | 13.4 | 13.8 | 13.3 | 13.7 |

CETIS Measurement Report

Report Date: 03 Nov-09 14:54 (p 1 of 2)
Test Code: 05-7025-4467/VCF1009146k

| Macrocystis Germination and Germ Tube Growth Test | | | | | | Aquatic Bioassay & Consulting Labs, Inc. | | | | | |
|---|-----------------|------------|-------------------------|----------|---------------------|--|--|--|--|--|--|
| Batch ID: | 13-1835-5585 | Test Type: | Growth-Germination | Analyst: | | | | | | | |
| Start Date: | 14 Oct-09 13:01 | Protocol: | EPA/600/R-95/136 (1995) | Diluent: | Laboratory Seawater | | | | | | |
| Ending Date: | 16 Oct-09 13:00 | Species: | Macrocystis pyrifera | Brine: | Not Applicable | | | | | | |
| Duration: | 48h | Source: | David Gutoff | Age: | | | | | | | |
| Sample ID: | 12-7014-9522 | Code: | VCF1009146k | Client: | VCWPD | | | | | | |
| Sample Date: | 13 Oct-09 22:45 | Material: | Sample Water | Project: | Event 1 | | | | | | |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | | | | | | | |
| Sample Age: | 14h (5.8 °C) | Station: | ME-SCR | | | | | | | | |

| Dissolved Oxygen-mg/L | | | | | | | | | | | |
|-----------------------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 6.5 | 6.261 | 6.739 | 6 | 7 | 0.1179 | 0.7071 | 10.88% | 0 |
| 6.25 | | 2 | 6.05 | 5.787 | 6.313 | 5.5 | 6.6 | 0.1296 | 0.7778 | 12.86% | 0 |
| 12.5 | | 2 | 6.15 | 5.839 | 6.461 | 5.5 | 6.8 | 0.1532 | 0.9192 | 14.95% | 0 |
| 25 | | 2 | 6.05 | 5.787 | 6.313 | 5.5 | 6.6 | 0.1296 | 0.7778 | 12.86% | 0 |
| 50 | | 2 | 6.65 | 6.626 | 6.674 | 6.6 | 6.7 | 0.01178 | 0.07069 | 1.06% | 0 |
| 100 | | 2 | 6.25 | 6.083 | 6.417 | 5.9 | 6.6 | 0.0825 | 0.495 | 7.92% | 0 |
| Overall | | 12 | 6.275 | | | 5.5 | 7 | | | | 0 (0%) |

| Light Level-Lux | | | | | | | | | | | |
|-----------------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 1 | 701 | | | 701 | 701 | 0 | 0 | 0.0% | 0 |
| 100 | | 1 | 701 | | | 701 | 701 | 0 | 0 | 0.0% | 0 |
| Overall | | 2 | 701 | | | 701 | 701 | | | | 0 (0%) |

| pH-Units | | | | | | | | | | | |
|----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 6.25 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 12.5 | | 2 | 7.85 | 7.826 | 7.874 | 7.8 | 7.9 | 0.01178 | 0.07071 | 0.9% | 0 |
| 25 | | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| 50 | | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| Overall | | 12 | 7.917 | | | 7.8 | 8 | | | | 0 (0%) |

| Salinity-ppt | | | | | | | | | | | |
|--------------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 50 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 34 | | | 34 | 34 | | | | 0 (0%) |

| Temperature-°C | | | | | | | | | | | |
|----------------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 15.3 | 15.25 | 15.35 | 15.2 | 15.4 | 0.02357 | 0.1414 | 0.92% | 0 |
| 6.25 | | 2 | 15.3 | 15.25 | 15.35 | 15.2 | 15.4 | 0.02357 | 0.1414 | 0.92% | 0 |
| 12.5 | | 2 | 15.3 | 15.25 | 15.35 | 15.2 | 15.4 | 0.02357 | 0.1414 | 0.92% | 0 |
| 25 | | 2 | 15.35 | 15.28 | 15.42 | 15.2 | 15.5 | 0.03536 | 0.2121 | 1.38% | 0 |
| 50 | | 2 | 15.35 | 15.28 | 15.42 | 15.2 | 15.5 | 0.03536 | 0.2121 | 1.38% | 0 |
| 100 | | 2 | 15.35 | 15.28 | 15.42 | 15.2 | 15.5 | 0.03536 | 0.2121 | 1.38% | 0 |
| Overall | | 12 | 15.33 | | | 15.2 | 15.5 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 03 Nov-09 14:54 (p 2 of 2)
Test Code: 05-7025-4467/VCF1009146k

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|-----|
| 0 | Negative Contr | 7 | 6 |
| 6.25 | | 6.6 | 5.5 |
| 12.5 | | 6.8 | 5.5 |
| 25 | | 6.6 | 5.5 |
| 50 | | 6.6 | 6.7 |
| 100 | | 6.6 | 5.9 |

Light Level-Lux

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|---|
| 0 | Negative Contr | 701 | |
| 100 | | 701 | |

pH-Units

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|-----|
| 0 | Negative Contr | 8 | 7.9 |
| 6.25 | | 7.9 | 8 |
| 12.5 | | 7.9 | 7.8 |
| 25 | | 7.9 | 7.9 |
| 50 | | 7.9 | 7.9 |
| 100 | | 8 | 7.9 |

Salinity-ppt

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|----|----|
| 0 | Negative Contr | 34 | 34 |
| 6.25 | | 34 | 34 |
| 12.5 | | 34 | 34 |
| 25 | | 34 | 34 |
| 50 | | 34 | 34 |
| 100 | | 34 | 34 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|------|------|
| 0 | Negative Contr | 15.2 | 15.4 |
| 6.25 | | 15.2 | 15.4 |
| 12.5 | | 15.2 | 15.4 |
| 25 | | 15.5 | 15.2 |
| 50 | | 15.5 | 15.2 |
| 100 | | 15.5 | 15.2 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms*, EPA-600/R95/136, 1995. Results were as follows:

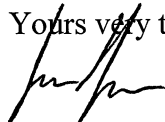
| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | ME-SCR |
| DATE RECEIVED: | 10/14/2009 |
| ABC LAB. NO.: | VCF1009.146 |

CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

NOEC = 100.00 %
TU_c = 1.00

IC₂₅ = >100.00 %
IC₅₀ = >100.00 %

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 15:17 (p 1 of 1)
Test Code: 14-3019-2775/VCF1009146

| Purple Sea Urchin Sperm Cell Fertilization Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | | | |
|---|-----------------|------------|-------------------------------|--|---------------------|--|--|
| Batch ID: | 14-7570-3017 | Test Type: | Fertilization | Analyst: | | | |
| Start Date: | 15 Oct-09 16:02 | Protocol: | EPA/600/R-95/136 (1995) | Diluent: | Laboratory Seawater | | |
| Ending Date: | 15 Oct-09 17:00 | Species: | Strongylocentrotus purpuratus | Brine: | Not Applicable | | |
| Duration: | 58m | Source: | David Gutoff | Age: | | | |
| Sample ID: | 05-8519-8054 | Code: | VCF1009146u | Client: | VCWPD | | |
| Sample Date: | 13 Oct-09 22:45 | Material: | Sample Water | Project: | Event 1 | | |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | | | |
| Sample Age: | 41h (5.8 °C) | Station: | ME-SCR | | | | |

Comparison Summary

| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
|--------------|--------------------|------|------|------|-------|----|--------------------------|
| 19-9731-5811 | Fertilization Rate | 100 | >100 | N/A | 0.25% | 1 | Steel Many-One Rank Test |

Point Estimate Summary

| Analysis ID | Endpoint | Level | % | 95% LCL | 95% UCL | TU | Method |
|--------------|--------------------|-------|------|---------|---------|----|------------------------------|
| 14-1388-8532 | Fertilization Rate | EC5 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | EC10 | >100 | N/A | N/A | <1 | |
| | | EC15 | >100 | N/A | N/A | <1 | |
| | | EC20 | >100 | N/A | N/A | <1 | |
| | | EC25 | >100 | N/A | N/A | <1 | |
| | | EC40 | >100 | N/A | N/A | <1 | |
| | | EC50 | >100 | N/A | N/A | <1 | |

Test Acceptability

| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|--------------------|--------------|-----------|------------|---------|----------------------|
| 14-1388-8532 | Fertilization Rate | Control Resp | 1 | 0.7 - NL | Yes | Result Within Limits |
| 19-9731-5811 | Fertilization Rate | Control Resp | 1 | 0.7 - NL | Yes | Result Within Limits |
| 19-9731-5811 | Fertilization Rate | PMSD | 0.0025 | NL - 0.25 | No | Result Within Limits |

Fertilization Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|------|---------|---------|-----|-----|---------|---------|------|-------|
| 0 | Negative Control | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 6.25 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 12.5 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 25 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 50 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 100 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |

Fertilization Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 1 | 1 |
| 100 | | 1 | 1 | 1 | 1 |

CETIS Measurement Report

Report Date: 03 Nov-09 15:17 (p 1 of 2)

Test Code: 14-3019-2775/VCF1009146

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|-------------------------------|----------|---------------------|
| Batch ID: | 14-7570-3017 | Test Type: | Fertilization | Analyst: | |
| Start Date: | 15 Oct-09 16:02 | Protocol: | EPA/600/R-95/136 (1995) | Diluent: | Laboratory Seawater |
| Ending Date: | 15 Oct-09 17:00 | Species: | Strongylocentrotus purpuratus | Brine: | Not Applicable |
| Duration: | 58m | Source: | David Guttoff | Age: | |
| Sample ID: | 05-8519-8054 | Code: | VCF1009146u | Client: | VCWPD |
| Sample Date: | 13 Oct-09 22:45 | Material: | Sample Water | Project: | Event 1 |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | |
| Sample Age: | 41h (5.8 °C) | Station: | ME-SCR | | |

Parameter Acceptability

| Parameter | Min | Max | Acceptability Limits | Overlap | Decision |
|----------------|-----|------|----------------------|---------|-----------------------|
| Salinity-ppt | 34 | 34 | 32 - 36 | Yes | Results Within Limits |
| Temperature-°C | 15 | 15.5 | 11 - 13 | Yes | Results Above Limit |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 2 | 6.1 | 5.861 | 6.339 | 5.6 | 6.6 | 0.1179 | 0.7071 | 11.59% | 0 |
| 6.25 | | 2 | 6.1 | 5.861 | 6.339 | 5.6 | 6.6 | 0.1179 | 0.7071 | 11.59% | 0 |
| 12.5 | | 2 | 6 | 5.713 | 6.287 | 5.4 | 6.6 | 0.1414 | 0.8485 | 14.14% | 0 |
| 25 | | 2 | 6.3 | 6.156 | 6.444 | 6 | 6.6 | 0.07071 | 0.4243 | 6.73% | 0 |
| 50 | | 2 | 6.3 | 6.156 | 6.444 | 6 | 6.6 | 0.07071 | 0.4243 | 6.73% | 0 |
| 100 | | 2 | 6.2 | 6.104 | 6.296 | 6 | 6.4 | 0.04714 | 0.2828 | 4.56% | 0 |
| Overall | | 12 | 6.167 | | | 5.4 | 6.6 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 6.25 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 12.5 | | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| 25 | | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| 50 | | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 7.917 | | | 7.9 | 8 | | | | 0 (0%) |

Salinity-ppt

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 50 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 34 | | | 34 | 34 | | | | 0 (0%) |

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| 0 | Negative Contr | 2 | 15.35 | 15.28 | 15.42 | 15.2 | 15.5 | 0.03536 | 0.2121 | 1.38% | 0 |
| 6.25 | | 2 | 15.35 | 15.28 | 15.42 | 15.2 | 15.5 | 0.03536 | 0.2121 | 1.38% | 0 |
| 12.5 | | 2 | 15.35 | 15.28 | 15.42 | 15.2 | 15.5 | 0.03536 | 0.2121 | 1.38% | 0 |
| 25 | | 2 | 15.35 | 15.28 | 15.42 | 15.2 | 15.5 | 0.03536 | 0.2121 | 1.38% | 0 |
| 50 | | 2 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 15.25 | 15.13 | 15.37 | 15 | 15.5 | 0.05893 | 0.3536 | 2.32% | 0 |
| Overall | | 12 | 15.36 | | | 15 | 15.5 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 03 Nov-09 15:17 (p 2 of 2)

Test Code: 14-3019-2775/VCF1009146

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|-----|
| 0 | Negative Contr | 6.6 | 5.6 |
| 6.25 | | 6.6 | 5.6 |
| 12.5 | | 6.6 | 5.4 |
| 25 | | 6.6 | 6 |
| 50 | | 6.6 | 6 |
| 100 | | 6.4 | 6 |

pH-Units

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|-----|
| 0 | Negative Contr | 8 | 7.9 |
| 6.25 | | 8 | 7.9 |
| 12.5 | | 7.9 | 7.9 |
| 25 | | 7.9 | 7.9 |
| 50 | | 7.9 | 7.9 |
| 100 | | 7.9 | 7.9 |

Salinity-ppt

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|----|----|
| 0 | Negative Contr | 34 | 34 |
| 6.25 | | 34 | 34 |
| 12.5 | | 34 | 34 |
| 25 | | 34 | 34 |
| 50 | | 34 | 34 |
| 100 | | 34 | 34 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|------|------|
| 0 | Negative Contr | 15.5 | 15.2 |
| 6.25 | | 15.5 | 15.2 |
| 12.5 | | 15.5 | 15.2 |
| 25 | | 15.5 | 15.2 |
| 50 | | 15.5 | 15.5 |
| 100 | | 15.5 | 15 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

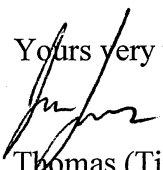
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Estuarine Organisms*, EPA/R-95/136. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | ME-VR2 |
| DATE RECEIVED: | 10/14/2009 |
| ABC LAB. NO.: | VCF1009.147 |

CHRONIC KELP GERMINATION AND GROWTH BIOASSAY

| | | |
|-------------|--------|-----------|
| Germination | NOEC = | 100.00 |
| | TUc = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |
| Tube Length | NOEC = | 100.00 % |
| | TUc = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 15:05 (p 1 of 2)
Test Code: 10-5416-4351/VCF1009147k

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|-------------------------|----------|---------------------|
| Batch ID: | 16-7005-6747 | Test Type: | Growth-Germination | Analyst: | |
| Start Date: | 14 Oct-09 13:03 | Protocol: | EPA/600/R-95/136 (1995) | Diluent: | Laboratory Seawater |
| Ending Date: | 16 Oct-09 13:00 | Species: | Macrocystis pyrifera | Brine: | Not Applicable |
| Duration: | 48h | Source: | David Guttoff | Age: | |
| Sample ID: | 07-8507-5368 | Code: | VCF1009147k | Client: | VCWPD |
| Sample Date: | 13 Oct-09 21:50 | Material: | Sample Water | Project: | Event 1 |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | |
| Sample Age: | 15h (5.8 °C) | Station: | ME-VR2 | | |

Comparison Summary

| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
|--------------|------------------|------|------|------|-------|----|------------------------------------|
| 00-9165-6997 | Germination Rate | 100 | >100 | N/A | 3.6% | 1 | Dunnett's Multiple Comparison Test |
| 07-6338-6172 | Mean Length | 100 | >100 | N/A | 3.32% | 1 | Dunnett's Multiple Comparison Test |

Point Estimate Summary

| Analysis ID | Endpoint | Level | % | 95% LCL | 95% UCL | TU | Method |
|--------------|------------------|-------|------|---------|---------|----|------------------------------|
| 00-5089-9031 | Germination Rate | EC5 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | EC10 | >100 | N/A | N/A | <1 | |
| | | EC15 | >100 | N/A | N/A | <1 | |
| | | EC20 | >100 | N/A | N/A | <1 | |
| | | EC25 | >100 | N/A | N/A | <1 | |
| | | EC40 | >100 | N/A | N/A | <1 | |
| | | EC50 | >100 | N/A | N/A | <1 | |
| 09-6940-8602 | Mean Length | IC5 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | IC10 | >100 | N/A | N/A | <1 | |
| | | IC15 | >100 | N/A | N/A | <1 | |
| | | IC20 | >100 | N/A | N/A | <1 | |
| | | IC25 | >100 | N/A | N/A | <1 | |
| | | IC40 | >100 | N/A | N/A | <1 | |
| | | IC50 | >100 | N/A | N/A | <1 | |

Test Acceptability

| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|------------------|--------------|-----------|------------|---------|----------------------|
| 00-5089-9031 | Germination Rate | Control Resp | 0.888 | 0.7 - NL | Yes | Result Within Limits |
| 00-9165-6997 | Germination Rate | Control Resp | 0.888 | 0.7 - NL | Yes | Result Within Limits |
| 07-6338-6172 | Mean Length | Control Resp | 13.24 | 10 - NL | Yes | Result Within Limits |
| 09-6940-8602 | Mean Length | Control Resp | 13.24 | 10 - NL | Yes | Result Within Limits |
| 00-9165-6997 | Germination Rate | PMSD | 0.03602 | NL - 0.2 | No | Result Within Limits |
| 07-6338-6172 | Mean Length | PMSD | 0.03324 | NL - 0.2 | No | Result Within Limits |

Germination Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|-------|---------|---------|------|------|----------|----------|-------|--------|
| 0 | Negative Control | 5 | 0.888 | 0.8825 | 0.8935 | 0.87 | 0.91 | 0.002708 | 0.01483 | 1.67% | 0.0% |
| 6.25 | | 5 | 0.88 | 0.8698 | 0.8902 | 0.85 | 0.92 | 0.005 | 0.02739 | 3.11% | 0.9% |
| 12.5 | | 5 | 0.906 | 0.8959 | 0.9161 | 0.88 | 0.95 | 0.004933 | 0.02702 | 2.98% | -2.03% |
| 25 | | 5 | 0.888 | 0.8819 | 0.8941 | 0.86 | 0.9 | 0.003 | 0.01643 | 1.85% | 0.0% |
| 50 | | 5 | 0.9 | 0.8947 | 0.9053 | 0.88 | 0.92 | 0.002582 | 0.01414 | 1.57% | -1.35% |
| 100 | | 5 | 0.888 | 0.8849 | 0.8911 | 0.88 | 0.9 | 0.001528 | 0.008367 | 0.94% | 0.0% |

Mean Length Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|-------|---------|---------|------|------|---------|---------|-------|--------|
| 0 | Negative Control | 5 | 13.24 | 13.15 | 13.33 | 12.9 | 13.6 | 0.04583 | 0.251 | 1.9% | 0.0% |
| 6.25 | | 5 | 13.7 | 13.59 | 13.81 | 13.2 | 13.9 | 0.05323 | 0.2915 | 2.13% | -3.47% |
| 12.5 | | 5 | 13.58 | 13.48 | 13.68 | 13.3 | 13.9 | 0.04726 | 0.2588 | 1.91% | -2.57% |
| 25 | | 5 | 13.72 | 13.63 | 13.81 | 13.3 | 13.9 | 0.04546 | 0.249 | 1.82% | -3.63% |
| 50 | | 5 | 13.88 | 13.73 | 14.03 | 13.3 | 14.4 | 0.07572 | 0.4147 | 2.99% | -4.83% |
| 100 | | 5 | 13.72 | 13.62 | 13.82 | 13.5 | 14.1 | 0.04899 | 0.2683 | 1.96% | -3.63% |

CETIS Summary Report

Report Date: 03 Nov-09 15:05 (p 2 of 2)
Test Code: 10-5416-4351/VCF1009147k

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Germination Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 0.88 | 0.87 | 0.91 | 0.89 | 0.89 |
| 6.25 | | 0.92 | 0.89 | 0.88 | 0.85 | 0.86 |
| 12.5 | | 0.95 | 0.91 | 0.9 | 0.88 | 0.89 |
| 25 | | 0.89 | 0.9 | 0.9 | 0.89 | 0.86 |
| 50 | | 0.92 | 0.9 | 0.9 | 0.9 | 0.88 |
| 100 | | 0.89 | 0.9 | 0.88 | 0.88 | 0.89 |

Mean Length Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 13.6 | 13.3 | 13.2 | 12.9 | 13.2 |
| 6.25 | | 13.9 | 13.2 | 13.7 | 13.9 | 13.8 |
| 12.5 | | 13.3 | 13.9 | 13.5 | 13.8 | 13.4 |
| 25 | | 13.8 | 13.9 | 13.3 | 13.9 | 13.7 |
| 50 | | 14.4 | 14.1 | 13.9 | 13.3 | 13.7 |
| 100 | | 13.5 | 13.5 | 13.9 | 13.6 | 14.1 |

CETIS Measurement Report

Report Date: 03 Nov-09 15:05 (p 1 of 2)
Test Code: 10-5416-4351/VCF1009147k

| Macrocystis Germination and Germ Tube Growth Test | | | | | | Aquatic Bioassay & Consulting Labs, Inc. | | | | | |
|---|-----------------|------------|-------------------------|----------|-------|--|---------------------|--------|----------------|------|--|
| Batch ID: | 16-7005-6747 | Test Type: | Growth-Germination | Analyst: | | Diluent: | Laboratory Seawater | Brine: | Not Applicable | Age: | |
| Start Date: | 14 Oct-09 13:03 | Protocol: | EPA/600/R-95/136 (1995) | | | | | | | | |
| Ending Date: | 16 Oct-09 13:00 | Species: | Macrocystis pyrifera | | | | | | | | |
| Duration: | 48h | Source: | David Gutoff | | | | | | | | |
| Sample ID: | 07-8507-5368 | Code: | VCF1009147k | Client: | VCWPD | Project: | Event 1 | | | | |
| Sample Date: | 13 Oct-09 21:50 | Material: | Sample Water | | | | | | | | |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | | | | | | | |
| Sample Age: | 15h (5.8 °C) | Station: | ME-VR2 | | | | | | | | |

| Dissolved Oxygen-mg/L | | | | | | | | | | | |
|-----------------------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 6.5 | 6.261 | 6.739 | 6 | 7 | 0.1179 | 0.7071 | 10.88% | 0 |
| 6.25 | | 2 | 6.15 | 5.839 | 6.461 | 5.5 | 6.8 | 0.1532 | 0.9192 | 14.95% | 0 |
| 12.5 | | 2 | 6.2 | 5.961 | 6.439 | 5.7 | 6.7 | 0.1179 | 0.7071 | 11.4% | 0 |
| 25 | | 2 | 6.1 | 5.861 | 6.339 | 5.6 | 6.6 | 0.1179 | 0.7071 | 11.59% | 0 |
| 50 | | 2 | 6.05 | 5.787 | 6.313 | 5.5 | 6.6 | 0.1296 | 0.7778 | 12.86% | 0 |
| 100 | | 2 | 6.05 | 5.787 | 6.313 | 5.5 | 6.6 | 0.1296 | 0.7778 | 12.86% | 0 |
| Overall | | 12 | 6.175 | | | 5.5 | 7 | | | | 0 (0%) |

| Light Level-Lux | | | | | | | | | | | |
|-----------------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 1 | 701 | | | 701 | 701 | 0 | 0 | 0.0% | 0 |
| 100 | | 1 | 701 | | | 701 | 701 | 0 | 0 | 0.0% | 0 |
| Overall | | 2 | 701 | | | 701 | 701 | | | | 0 (0%) |

| pH-Units | | | | | | | | | | | |
|----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 6.25 | | 2 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 2 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 0 | 0 | 0.0% | 0 |
| 25 | | 2 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 0 | 0 | 0.0% | 0 |
| 50 | | 2 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 7.775 | | | 7.7 | 8 | | | | 0 (0%) |

| Salinity-ppt | | | | | | | | | | | |
|--------------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 50 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 34 | | | 34 | 34 | | | | 0 (0%) |

| Temperature-°C | | | | | | | | | | | |
|----------------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 15.35 | 15.28 | 15.42 | 15.2 | 15.5 | 0.03536 | 0.2121 | 1.38% | 0 |
| 6.25 | | 2 | 15.4 | 15.35 | 15.45 | 15.3 | 15.5 | 0.02357 | 0.1414 | 0.92% | 0 |
| 12.5 | | 2 | 15.4 | 15.35 | 15.45 | 15.3 | 15.5 | 0.02357 | 0.1414 | 0.92% | 0 |
| 25 | | 2 | 15.4 | 15.35 | 15.45 | 15.3 | 15.5 | 0.02357 | 0.1414 | 0.92% | 0 |
| 50 | | 2 | 15.4 | 15.35 | 15.45 | 15.3 | 15.5 | 0.02357 | 0.1414 | 0.92% | 0 |
| 100 | | 2 | 15.4 | 15.35 | 15.45 | 15.3 | 15.5 | 0.02357 | 0.1414 | 0.92% | 0 |
| Overall | | 12 | 15.39 | | | 15.2 | 15.5 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 03 Nov-09 15:05 (p 2 of 2)

Test Code: 10-5416-4351/VCF1009147k

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|-----|
| 0 | Negative Contr | 7 | 6 |
| 6.25 | | 6.8 | 5.5 |
| 12.5 | | 6.7 | 5.7 |
| 25 | | 6.6 | 5.6 |
| 50 | | 6.6 | 5.5 |
| 100 | | 6.6 | 5.5 |

Light Level-Lux

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|---|
| 0 | Negative Contr | 701 | |
| 100 | | 701 | |

pH-Units

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|-----|
| 0 | Negative Contr | 8 | 7.9 |
| 6.25 | | 7.8 | 7.8 |
| 12.5 | | 7.8 | 7.8 |
| 25 | | 7.7 | 7.7 |
| 50 | | 7.7 | 7.7 |
| 100 | | 7.7 | 7.7 |

Salinity-ppt

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|----|----|
| 0 | Negative Contr | 34 | 34 |
| 6.25 | | 34 | 34 |
| 12.5 | | 34 | 34 |
| 25 | | 34 | 34 |
| 50 | | 34 | 34 |
| 100 | | 34 | 34 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|------|------|
| 0 | Negative Contr | 15.2 | 15.5 |
| 6.25 | | 15.3 | 15.5 |
| 12.5 | | 15.3 | 15.5 |
| 25 | | 15.3 | 15.5 |
| 50 | | 15.3 | 15.5 |
| 100 | | 15.3 | 15.5 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms*, EPA-600/R95/136, 1995. Results were as follows:

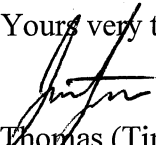
| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | ME-VR2 |
| DATE RECEIVED: | 10/14/2009 |
| ABC LAB. NO.: | VCF1009.147 |

CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

NOEC = 100.00 %
TUc = 1.00

IC25 = >100.00 %
IC50 = >100.00 %

Yours very truly,


fr: Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 15:28 (p 1 of 1)
Test Code: 06-7664-2698/VCF1009147

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|------------------------------|
| Batch ID: 00-1067-5187 | Test Type: Fertilization | Analyst: |
| Start Date: 15 Oct-09 16:03 | Protocol: EPA/600/R-95/136 (1995) | Diluent: Laboratory Seawater |
| Ending Date: 15 Oct-09 17:00 | Species: Strongylocentrotus purpuratus | Brine: Not Applicable |
| Duration: 57m | Source: David Guttoff | Age: |
| Sample ID: 02-1846-4979 | Code: VCF1009147u | Client: VCWPD |
| Sample Date: 13 Oct-09 21:50 | Material: Sample Water | Project: Event 1 |
| Receive Date: 14 Oct-09 10:40 | Source: Bioassay Report | |
| Sample Age: 42h (5.8 °C) | Station: ME-VR2 | |

Comparison Summary

| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
|--------------|--------------------|------|------|------|-------|----|--------------------------|
| 20-0380-8997 | Fertilization Rate | 100 | >100 | N/A | 0.25% | 1 | Steel Many-One Rank Test |

Point Estimate Summary

| Analysis ID | Endpoint | Level | % | 95% LCL | 95% UCL | TU | Method |
|--------------|--------------------|-------|------|---------|---------|----|------------------------------|
| 06-0221-5927 | Fertilization Rate | EC5 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | EC10 | >100 | N/A | N/A | <1 | |
| | | EC15 | >100 | N/A | N/A | <1 | |
| | | EC20 | >100 | N/A | N/A | <1 | |
| | | EC25 | >100 | N/A | N/A | <1 | |
| | | EC40 | >100 | N/A | N/A | <1 | |
| | | EC50 | >100 | N/A | N/A | <1 | |

Test Acceptability

| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|--------------------|--------------|-----------|------------|---------|----------------------|
| 06-0221-5927 | Fertilization Rate | Control Resp | 1 | 0.7 - NL | Yes | Result Within Limits |
| 20-0380-8997 | Fertilization Rate | Control Resp | 1 | 0.7 - NL | Yes | Result Within Limits |
| 20-0380-8997 | Fertilization Rate | PMSD | 0.0025 | NL - 0.25 | No | Result Within Limits |

Fertilization Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|------|---------|---------|-----|-----|---------|---------|------|-------|
| 0 | Negative Control | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 6.25 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 12.5 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 25 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 50 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 100 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |

Fertilization Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 1 | 1 |
| 100 | | 1 | 1 | 1 | 1 |

CETIS Measurement Report

Report Date: 03 Nov-09 15:28 (p 1 of 2)
Test Code: 06-7664-2698/VCF1009147

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|------------------------------|
| Batch ID: 00-1067-5187 | Test Type: Fertilization | Analyst: |
| Start Date: 15 Oct-09 16:03 | Protocol: EPA/600/R-95/136 (1995) | Diluent: Laboratory Seawater |
| Ending Date: 15 Oct-09 17:00 | Species: Strongylocentrotus purpuratus | Brine: Not Applicable |
| Duration: 57m | Source: David Gutoff | Age: |
| Sample ID: 02-1846-4979 | Code: VCF1009147u | Client: VCWPD |
| Sample Date: 13 Oct-09 21:50 | Material: Sample Water | Project: Event 1 |
| Receive Date: 14 Oct-09 10:40 | Source: Bioassay Report | |
| Sample Age: 42h (5.8 °C) | Station: ME-VR2 | |

Parameter Acceptability

| Parameter | Min | Max | Acceptability Limits | Overlap | Decision |
|----------------|------|------|----------------------|---------|-----------------------|
| Salinity-ppt | 34 | 34 | 32 - 36 | Yes | Results Within Limits |
| Temperature-°C | 15.2 | 15.4 | 11 - 13 | Yes | Results Above Limit |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 2 | 6 | 5.713 | 6.287 | 5.4 | 6.6 | 0.1414 | 0.8485 | 14.14% | 0 |
| 6.25 | | 2 | 6.1 | 5.861 | 6.339 | 5.6 | 6.6 | 0.1179 | 0.7071 | 11.59% | 0 |
| 12.5 | | 2 | 6.25 | 6.13 | 6.37 | 6 | 6.5 | 0.05893 | 0.3536 | 5.66% | 0 |
| 25 | | 2 | 6.05 | 5.835 | 6.265 | 5.6 | 6.5 | 0.1061 | 0.6364 | 10.52% | 0 |
| 50 | | 2 | 6.25 | 6.083 | 6.417 | 5.9 | 6.6 | 0.0825 | 0.495 | 7.92% | 0 |
| 100 | | 2 | 5.75 | 5.343 | 6.157 | 4.9 | 6.6 | 0.2003 | 1.202 | 20.91% | 0 |
| Overall | | 12 | 6.067 | | | 4.9 | 6.6 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| 25 | | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| 50 | | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 7.9 | | | 7.9 | 7.9 | | | | 0 (0%) |

Salinity-ppt

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 50 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 34 | | | 34 | 34 | | | | 0 (0%) |

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|------|------|---------|---------|-------|----------|
| 0 | Negative Contr | 2 | 15.3 | 15.25 | 15.35 | 15.2 | 15.4 | 0.02357 | 0.1414 | 0.92% | 0 |
| 6.25 | | 2 | 15.3 | 15.25 | 15.35 | 15.2 | 15.4 | 0.02357 | 0.1414 | 0.92% | 0 |
| 12.5 | | 2 | 15.3 | 15.25 | 15.35 | 15.2 | 15.4 | 0.02357 | 0.1414 | 0.92% | 0 |
| 25 | | 2 | 15.3 | 15.25 | 15.35 | 15.2 | 15.4 | 0.02357 | 0.1414 | 0.92% | 0 |
| 50 | | 2 | 15.3 | 15.25 | 15.35 | 15.2 | 15.4 | 0.02357 | 0.1414 | 0.92% | 0 |
| 100 | | 2 | 15.3 | 15.25 | 15.35 | 15.2 | 15.4 | 0.02357 | 0.1414 | 0.92% | 0 |
| Overall | | 12 | 15.3 | | | 15.2 | 15.4 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 03 Nov-09 15:28 (p 2 of 2)
Test Code: 06-7664-2698/VCF1009147

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|-----|
| 0 | Negative Contr | 6.6 | 5.4 |
| 6.25 | | 6.6 | 5.6 |
| 12.5 | | 6.5 | 6 |
| 25 | | 6.5 | 5.6 |
| 50 | | 6.6 | 5.9 |
| 100 | | 6.6 | 4.9 |

pH-Units

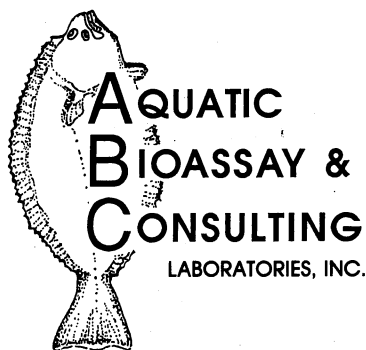
| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|-----|
| 0 | Negative Contr | 7.9 | 7.9 |
| 6.25 | | 7.9 | 7.9 |
| 12.5 | | 7.9 | 7.9 |
| 25 | | 7.9 | 7.9 |
| 50 | | 7.9 | 7.9 |
| 100 | | 7.9 | 7.9 |

Salinity-ppt

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|----|----|
| 0 | Negative Contr | 34 | 34 |
| 6.25 | | 34 | 34 |
| 12.5 | | 34 | 34 |
| 25 | | 34 | 34 |
| 50 | | 34 | 34 |
| 100 | | 34 | 34 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|------|------|
| 0 | Negative Contr | 15.2 | 15.4 |
| 6.25 | | 15.2 | 15.4 |
| 12.5 | | 15.2 | 15.4 |
| 25 | | 15.2 | 15.4 |
| 50 | | 15.2 | 15.4 |
| 100 | | 15.2 | 15.4 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms* EPA-821-R-02-013. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | Camarillo-1 |
| DATE RECEIVED: | 10/14/2009 |
| ABC LAB. NO.: | VCF1009.148 |

CHRONIC CERIODAPHNIA SURVIVAL & REPRODUCTION BIOASSAY

| | | |
|----------|--------|-----------|
| SURVIVAL | NOEC = | 100.00 % |
| | TUc = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

| | | |
|--------------|--------|-----------|
| REPRODUCTION | NOEC = | 100.00 % |
| | TUc = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 10:46 (p 1 of 2)
Test Code: 07-2605-7007/VCF1009148c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|----------------------------|----------|------------------|
| Batch ID: | 17-7341-2483 | Test Type: | Reproduction-Survival (7d) | Analyst: | |
| Start Date: | 15 Oct-09 15:50 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 22 Oct-09 16:10 | Species: | Ceriodaphnia dubia | Brine: | Not Applicable |
| Duration: | 7d 0h | Source: | In-House Culture | Age: | <24h |
| Sample ID: | 07-5046-2201 | Code: | VCF1009148c | Client: | VCWPD |
| Sample Date: | 13 Oct-09 18:30 | Material: | Sample Water | Project: | Event 1 |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | |
| Sample Age: | 45h (5.9 °C) | Station: | Camarillo-1 | | |

Comparison Summary

| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
|--------------|------------------|------|------|------|--------|----|-----------------------------------|
| 09-2706-1548 | 7d Survival Rate | 100 | >100 | N/A | N/A | 1 | Fisher Exact/Bonferroni-Holm Test |
| 05-9874-5680 | Reproduction | 100 | >100 | N/A | 25.31% | 1 | Steel Many-One Rank Test |

Point Estimate Summary

| Analysis ID | Endpoint | Level | % | 95% LCL | 95% UCL | TU | Method |
|--------------|------------------|-------|------|---------|---------|-------|------------------------------|
| 10-8793-1318 | 7d Survival Rate | EC5 | 37.5 | 31.25 | N/A | 2.667 | Linear Interpolation (ICPIN) |
| | | EC10 | 100 | 37.5 | N/A | 1 | |
| | | EC15 | >100 | N/A | N/A | <1 | |
| | | EC20 | >100 | N/A | N/A | <1 | |
| | | EC25 | >100 | N/A | N/A | <1 | |
| | | EC40 | >100 | N/A | N/A | <1 | |
| | | EC50 | >100 | N/A | N/A | <1 | |
| 11-9021-3816 | Reproduction | IC5 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | IC10 | >100 | N/A | N/A | <1 | |
| | | IC15 | >100 | N/A | N/A | <1 | |
| | | IC20 | >100 | N/A | N/A | <1 | |
| | | IC25 | >100 | N/A | N/A | <1 | |
| | | IC40 | >100 | N/A | N/A | <1 | |
| | | IC50 | >100 | N/A | N/A | <1 | |

Test Acceptability

| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|------------------|--------------|-----------|-------------|---------|----------------------|
| 09-2706-1548 | 7d Survival Rate | Control Resp | 1 | 0.8 - NL | Yes | Result Within Limits |
| 10-8793-1318 | 7d Survival Rate | Control Resp | 1 | 0.8 - NL | Yes | Result Within Limits |
| 05-9874-5680 | Reproduction | Control Resp | 22 | 15 - NL | Yes | Result Within Limits |
| 11-9021-3816 | Reproduction | Control Resp | 22 | 15 - NL | Yes | Result Within Limits |
| 05-9874-5680 | Reproduction | PMSD | 0.2531 | 0.13 - 0.47 | Yes | Result Within Limits |

7d Survival Rate Summary

| Conc.-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|---------|------------------|-------|------|---------|---------|-----|-----|---------|---------|--------|-------|
| 0 | Negative Control | 10 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 6.25 | | 10 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 12.5 | | 10 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 25 | | 10 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 50 | | 10 | 0.9 | 0.7819 | 1 | 0 | 1 | 0.05774 | 0.3162 | 35.14% | 10.0% |
| 100 | | 10 | 0.9 | 0.7819 | 1 | 0 | 1 | 0.05774 | 0.3162 | 35.14% | 10.0% |

Reproduction Summary

| Conc.-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|---------|------------------|-------|------|---------|---------|-----|-----|---------|---------|--------|---------|
| 0 | Negative Control | 10 | 22 | 21.1 | 22.9 | 19 | 26 | 0.4389 | 2.404 | 10.93% | 0.0% |
| 6.25 | | 10 | 22.4 | 21.12 | 23.68 | 17 | 28 | 0.6278 | 3.438 | 15.35% | -1.82% |
| 12.5 | | 10 | 25.5 | 24.3 | 26.7 | 20 | 32 | 0.5853 | 3.206 | 12.57% | -15.91% |
| 25 | | 10 | 25.3 | 24.47 | 26.13 | 21 | 30 | 0.4041 | 2.214 | 8.75% | -15.0% |
| 50 | | 10 | 21.4 | 18.44 | 24.36 | 0 | 27 | 1.446 | 7.919 | 37.0% | 2.73% |
| 100 | | 10 | 24.3 | 20.92 | 27.68 | 0 | 33 | 1.653 | 9.056 | 37.27% | -10.45% |

CETIS Summary Report

Report Date: 03 Nov-09 10:46 (p 2 of 2)
Test Code: 07-2605-7007/VCF1009148c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 50 | | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 100 | | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

Reproduction Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 21 | 20 | 22 | 22 | 20 | 26 | 21 | 19 | 26 | 23 |
| 6.25 | | 25 | 28 | 24 | 18 | 20 | 24 | 25 | 17 | 22 | 21 |
| 12.5 | | 20 | 32 | 25 | 24 | 24 | 25 | 24 | 26 | 26 | 29 |
| 25 | | 25 | 30 | 26 | 25 | 21 | 25 | 25 | 26 | 24 | 26 |
| 50 | | 19 | 0 | 23 | 27 | 23 | 27 | 25 | 24 | 21 | 25 |
| 100 | | 25 | 0 | 30 | 26 | 22 | 26 | 33 | 26 | 29 | 26 |

CETIS Measurement Report

Report Date: 03 Nov-09 10:46 (p 1 of 2)
Test Code: 07-2605-7007/VCF1009148c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Batch ID: 17-7341-2483
Start Date: 15 Oct-09 15:50
Ending Date: 22 Oct-09 16:10
Duration: 7d 0h
Test Type: Reproduction-Survival (7d)
Protocol: EPA/821/R-02-013 (2002)
Species: Ceriodaphnia dubia
Source: In-House Culture

Analyst:
Diluent: Laboratory Water
Brine: Not Applicable
Age: <24h

Sample ID: 07-5046-2201
Sample Date: 13 Oct-09 18:30
Receive Date: 14 Oct-09 10:40
Sample Age: 45h (5.9 °C)
Code: VCF1009148c
Material: Sample Water
Source: Bioassay Report
Station: Camarillo-1

Client: VCWPD
Project: Event 1

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 61.13 | 60.6 | 61.65 | 60 | 63 | 0.2588 | 1.553 | 2.54% | 0 |
| 100 | | 8 | 66 | 66 | 66 | 66 | 66 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 63.56 | | | 60 | 66 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 350 | 346.7 | 353.3 | 335 | 359 | 1.616 | 9.695 | 2.77% | 0 |
| 6.25 | | 8 | 352 | 348.1 | 355.9 | 325 | 360 | 1.919 | 11.51 | 3.27% | 0 |
| 12.5 | | 8 | 351.6 | 348.3 | 354.9 | 336 | 369 | 1.613 | 9.68 | 2.75% | 0 |
| 25 | | 8 | 350.1 | 347.4 | 352.8 | 332 | 359 | 1.32 | 7.918 | 2.26% | 0 |
| 50 | | 8 | 356 | 354.7 | 357.3 | 348 | 360 | 0.6299 | 3.78 | 1.06% | 0 |
| 100 | | 8 | 374.6 | 372.6 | 376.7 | 365 | 384 | 1.019 | 6.116 | 1.63% | 0 |
| Overall | | 48 | 355.7 | | | 325 | 384 | | | | 0 (0%) |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 7.375 | 7.151 | 7.599 | 5.9 | 7.9 | 0.1101 | 0.6606 | 8.96% | 0 |
| 6.25 | | 8 | 6.675 | 6.403 | 6.947 | 5.6 | 7.5 | 0.1339 | 0.8031 | 12.03% | 0 |
| 12.5 | | 8 | 6.763 | 6.515 | 7.01 | 5.3 | 7.4 | 0.1218 | 0.7308 | 10.81% | 0 |
| 25 | | 8 | 6.475 | 6.16 | 6.79 | 4.7 | 7.4 | 0.1553 | 0.9316 | 14.39% | 0 |
| 50 | | 8 | 6.213 | 5.801 | 6.624 | 4 | 7.3 | 0.2026 | 1.216 | 19.57% | 0 |
| 100 | | 8 | 5.888 | 5.423 | 6.352 | 4 | 7.2 | 0.2289 | 1.374 | 23.33% | 0 |
| Overall | | 48 | 6.565 | | | 4 | 7.9 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 89.25 | 86.8 | 91.7 | 84 | 98 | 1.208 | 7.246 | 8.12% | 0 |
| 100 | | 8 | 135 | 135 | 135 | 135 | 135 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 112.1 | | | 84 | 135 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 7.925 | 7.895 | 7.955 | 7.8 | 8.1 | 0.01477 | 0.08864 | 1.12% | 0 |
| 6.25 | | 8 | 7.825 | 7.79 | 7.86 | 7.6 | 7.9 | 0.01725 | 0.1035 | 1.32% | 0 |
| 12.5 | | 8 | 7.775 | 7.745 | 7.805 | 7.6 | 7.9 | 0.01477 | 0.08864 | 1.14% | 0 |
| 25 | | 8 | 7.763 | 7.732 | 7.793 | 7.6 | 7.9 | 0.01527 | 0.09161 | 1.18% | 0 |
| 50 | | 8 | 7.713 | 7.67 | 7.755 | 7.5 | 7.8 | 0.02077 | 0.1246 | 1.62% | 0 |
| 100 | | 8 | 7.613 | 7.525 | 7.7 | 7.1 | 7.8 | 0.04313 | 0.2588 | 3.4% | 0 |
| Overall | | 48 | 7.769 | | | 7.1 | 8.1 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 03 Nov-09 10:46 (p 2 of 2)
Test Code: 07-2605-7007/VCF1009148c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 24.63 | 24.48 | 24.77 | 24.1 | 25.4 | 0.07113 | 0.4268 | 1.73% | 0 |
| 6.25 | | 8 | 24.85 | 24.71 | 24.99 | 24.3 | 25.4 | 0.06843 | 0.4106 | 1.65% | 0 |
| 12.5 | | 8 | 24.91 | 24.76 | 25.07 | 24.1 | 25.5 | 0.07686 | 0.4612 | 1.85% | 0 |
| 25 | | 8 | 24.81 | 24.67 | 24.95 | 24 | 25.3 | 0.06868 | 0.4121 | 1.66% | 0 |
| 50 | | 8 | 24.81 | 24.67 | 24.96 | 24.1 | 25.6 | 0.07096 | 0.4257 | 1.72% | 0 |
| 100 | | 8 | 24.88 | 24.72 | 25.03 | 24.2 | 25.6 | 0.07855 | 0.4713 | 1.9% | 0 |
| Overall | | 48 | 24.81 | | | 24 | 25.6 | | | | 0 (0%) |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 63 | 63 | 63 | 60 | 60 | 60 | 60 | 60 |
| 100 | | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 354 | 356 | 355 | 359 | 335 | 357 | 335 | 349 |
| 6.25 | | 355 | 350 | 352 | 355 | 359 | 360 | 360 | 325 |
| 12.5 | | 350 | 347 | 348 | 349 | 355 | 359 | 369 | 336 |
| 25 | | 352 | 351 | 350 | 350 | 352 | 355 | 359 | 332 |
| 50 | | 360 | 359 | 355 | 355 | 358 | 355 | 358 | 348 |
| 100 | | 379 | 379 | 375 | 370 | 375 | 370 | 365 | 384 |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 5.9 | 7.6 | 7 | 7.9 | 7.5 | 7.5 | 7.7 | 7.9 |
| 6.25 | | 5.6 | 7.2 | 6.9 | 7.2 | 7.5 | 7.4 | 5.7 | 5.9 |
| 12.5 | | 5.3 | 6 | 7 | 6.9 | 7 | 7.2 | 7.3 | 7.4 |
| 25 | | 4.7 | 6.3 | 6.9 | 6.8 | 7 | 7.2 | 7.4 | 5.5 |
| 50 | | 4 | 5.2 | 6.8 | 6.9 | 7 | 7.2 | 7.3 | 5.3 |
| 100 | | 4 | 4 | 6.2 | 6.9 | 6.9 | 7 | 7.2 | 4.9 |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 98 | 98 | 98 | 84 | 84 | 84 | 84 | 84 |
| 100 | | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 8.1 | 7.9 | 7.9 | 7.9 | 7.9 | 8 | 7.8 | 7.9 |
| 6.25 | | 7.8 | 7.8 | 7.9 | 7.9 | 7.9 | 7.9 | 7.8 | 7.6 |
| 12.5 | | 7.7 | 7.8 | 7.8 | 7.8 | 7.8 | 7.9 | 7.8 | 7.6 |
| 25 | | 7.7 | 7.7 | 7.8 | 7.8 | 7.8 | 7.9 | 7.8 | 7.6 |
| 50 | | 7.5 | 7.6 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.6 |
| 100 | | 7.1 | 7.4 | 7.8 | 7.7 | 7.8 | 7.8 | 7.8 | 7.5 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|------|------|------|------|------|------|------|------|
| 0 | Negative Contr | 24.8 | 24.2 | 24.5 | 24.5 | 25 | 24.1 | 25.4 | 24.5 |
| 6.25 | | 25.2 | 24.3 | 24.5 | 24.8 | 24.4 | 25.1 | 25.1 | 25.4 |
| 12.5 | | 25.3 | 24.1 | 24.5 | 24.8 | 24.9 | 24.9 | 25.3 | 25.5 |
| 25 | | 25.3 | 24 | 24.5 | 24.8 | 24.8 | 25 | 24.9 | 25.2 |
| 50 | | 24.9 | 24.1 | 24.5 | 24.8 | 25 | 24.8 | 24.8 | 25.6 |
| 100 | | 24.8 | 24.2 | 24.5 | 24.7 | 24.8 | 24.9 | 25.5 | 25.6 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms*" EPA-821-R-02-013. Results were as follows:

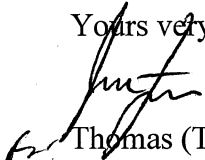
| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | Camarillo-1 |
| DATE RECEIVED: | 10/14/2009 |
| ABC LAB. NO.: | VCF1009.148 |

CHRONIC FATHEAD SURVIVAL & GROWTH BIOASSAY

| | | |
|----------|-------------------|-----------|
| SURVIVAL | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

| | | |
|--------------|-------------------|-----------|
| REPRODUCTION | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 10:19 (p 1 of 2)
Test Code: 17-8234-8130/VCF1009148f

| Fathead Minnow 7-d Larval Survival and Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | | | |
|--|-----------------|------------|-------------------------|--|------------------|--|--|
| Batch ID: | 04-4372-8034 | Test Type: | Growth-Survival (7d) | Analyst: | | | |
| Start Date: | 15 Oct-09 15:50 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water | | |
| Ending Date: | 22 Oct-09 16:10 | Species: | Pimephales promelas | Brine: | Not Applicable | | |
| Duration: | 7d 0h | Source: | Aquatic Biosystems, CO | Age: | | | |
| Sample ID: | 08-6919-2461 | Code: | VCF1009148f | Client: | VCWPD | | |
| Sample Date: | 13 Oct-09 18:30 | Material: | Sample Water | Project: | Event 1 | | |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | | | |
| Sample Age: | 45h (5.9 °C) | Station: | Camarillo-1 | | | | |

Comparison Summary

| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
|--------------|---------------------|------|------|------|--------|----|------------------------------------|
| 01-8908-4533 | 7d Survival Rate | 100 | >100 | N/A | 16.51% | 1 | Dunnett's Multiple Comparison Test |
| 14-7040-5475 | Mean Dry Biomass-mg | 100 | >100 | N/A | 49.42% | 1 | Steel Many-One Rank Test |

Point Estimate Summary

| Analysis ID | Endpoint | Level | % | 95% LCL | 95% UCL | TU | Method |
|--------------|---------------------|-------|------|---------|---------|----|------------------------------|
| 15-3687-3438 | 7d Survival Rate | EC5 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | EC10 | >100 | N/A | N/A | <1 | |
| | | EC15 | >100 | N/A | N/A | <1 | |
| | | EC20 | >100 | N/A | N/A | <1 | |
| | | EC25 | >100 | N/A | N/A | <1 | |
| | | EC40 | >100 | N/A | N/A | <1 | |
| 16-0656-7752 | Mean Dry Biomass-mg | EC50 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | IC5 | >100 | N/A | N/A | <1 | |
| | | IC10 | >100 | N/A | N/A | <1 | |
| | | IC15 | >100 | N/A | N/A | <1 | |
| | | IC20 | >100 | N/A | N/A | <1 | |
| | | IC25 | >100 | N/A | N/A | <1 | |
| | | IC40 | >100 | N/A | N/A | <1 | |
| | | IC50 | >100 | N/A | N/A | <1 | |
| | | | | | | | |
| | | | | | | | |

Test Acceptability

| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|---------------------|--------------|-----------|------------|---------|----------------------|
| 01-8908-4533 | 7d Survival Rate | Control Resp | 0.9 | 0.8 - NL | Yes | Result Within Limits |
| 15-3687-3438 | 7d Survival Rate | Control Resp | 0.9 | 0.8 - NL | Yes | Result Within Limits |
| 14-7040-5475 | Mean Dry Biomass-mg | Control Resp | 0.262 | 0.25 - NL | Yes | Result Within Limits |
| 16-0656-7752 | Mean Dry Biomass-mg | Control Resp | 0.262 | 0.25 - NL | Yes | Result Within Limits |
| 14-7040-5475 | Mean Dry Biomass-mg | PMSD | 0.4942 | 0.12 - 0.3 | Yes | Result Above Limit |

7d Survival Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|---------|---------|--------|-----|----------|---------|--------|--------|
| 0 | Negative Control | 4 | 0.9 | 0.8569 | 0.9431 | 0.7333 | 1 | 0.02108 | 0.1155 | 12.83% | 0.0% |
| 6.25 | | 4 | 0.9667 | 0.9523 | 0.981 | 0.9333 | 1 | 0.007027 | 0.03849 | 3.98% | -7.41% |
| 12.5 | | 4 | 0.95 | 0.9262 | 0.9738 | 0.8667 | 1 | 0.01165 | 0.06383 | 6.72% | -5.56% |
| 25 | | 4 | 0.9333 | 0.8981 | 0.9685 | 0.8 | 1 | 0.01721 | 0.09428 | 10.1% | -3.7% |
| 50 | | 4 | 0.9 | 0.8751 | 0.9249 | 0.8667 | 1 | 0.01217 | 0.06667 | 7.41% | 0.0% |
| 100 | | 4 | 0.9167 | 0.8928 | 0.9405 | 0.8667 | 1 | 0.01165 | 0.06383 | 6.96% | -1.85% |

Mean Dry Biomass-mg Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|---------|---------|--------|--------|----------|----------|--------|---------|
| 0 | Negative Control | 4 | 0.262 | 0.2482 | 0.2758 | 0.2067 | 0.2847 | 0.006766 | 0.03706 | 14.14% | 0.0% |
| 6.25 | | 4 | 0.299 | 0.2591 | 0.3389 | 0.1407 | 0.376 | 0.01953 | 0.1069 | 35.77% | -14.12% |
| 12.5 | | 4 | 0.3558 | 0.3499 | 0.3617 | 0.3327 | 0.3667 | 0.002891 | 0.01583 | 4.45% | -35.82% |
| 25 | | 4 | 0.3887 | 0.3718 | 0.4056 | 0.3553 | 0.4533 | 0.008271 | 0.0453 | 11.66% | -48.35% |
| 50 | | 4 | 0.3883 | 0.3848 | 0.3919 | 0.38 | 0.402 | 0.001751 | 0.009593 | 2.47% | -48.22% |
| 100 | | 4 | 0.51 | 0.4578 | 0.5622 | 0.384 | 0.6667 | 0.02551 | 0.1397 | 27.4% | -94.66% |




CETIS Summary Report

Report Date: 03 Nov-09 10:19 (p 2 of 2)
Test Code: 17-8234-8130/VCF1009148f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 1 | 0.9333 | 0.9333 | 0.7333 |
| 6.25 | | 0.9333 | 0.9333 | 1 | 1 |
| 12.5 | | 0.8667 | 1 | 0.9333 | 1 |
| 25 | | 1 | 1 | 0.8 | 0.9333 |
| 50 | | 0.8667 | 0.8667 | 0.8667 | 1 |
| 100 | | 0.8667 | 1 | 0.8667 | 0.9333 |

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 0.2847 | 0.276 | 0.2807 | 0.2067 |
| 6.25 | | 0.338 | 0.376 | 0.3413 | 0.1407 |
| 12.5 | | 0.3327 | 0.3667 | 0.3587 | 0.3653 |
| 25 | | 0.3553 | 0.4533 | 0.3593 | 0.3867 |
| 50 | | 0.3873 | 0.402 | 0.38 | 0.384 |
| 100 | | 0.6667 | 0.5887 | 0.384 | 0.4007 |

CETIS Measurement Report

Report Date: 03 Nov-09 10:19 (p 1 of 2)
Test Code: 17-8234-8130/VCF1009148f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|-------------------------|----------|------------------|
| Batch ID: | 04-4372-8034 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 15 Oct-09 15:50 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 22 Oct-09 16:10 | Species: | Pimephales promelas | Brine: | Not Applicable |
| Duration: | 7d 0h | Source: | Aquatic Biosystems, CO | Age: | |
| Sample ID: | 08-6919-2461 | Code: | VCF1009148f | Client: | VCWPD |
| Sample Date: | 13 Oct-09 18:30 | Material: | Sample Water | Project: | Event 1 |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | |
| Sample Age: | 45h (5.9 °C) | Station: | Camarillo-1 | | |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 61.13 | 60.6 | 61.65 | 60 | 63 | 0.2588 | 1.553 | 2.54% | 0 |
| 100 | | 8 | 66 | 66 | 66 | 66 | 66 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 63.56 | | | 60 | 66 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 350 | 346.7 | 353.3 | 335 | 359 | 1.616 | 9.695 | 2.77% | 0 |
| 6.25 | | 8 | 352 | 348.1 | 355.9 | 325 | 360 | 1.919 | 11.51 | 3.27% | 0 |
| 12.5 | | 8 | 355.4 | 350.9 | 359.9 | 336 | 378 | 2.206 | 13.23 | 3.72% | 0 |
| 25 | | 8 | 352.4 | 351.3 | 353.4 | 350 | 359 | 0.5266 | 3.159 | 0.9% | 0 |
| 50 | | 8 | 356.4 | 355.1 | 357.7 | 348 | 360 | 0.6358 | 3.815 | 1.07% | 0 |
| 100 | | 8 | 374.6 | 372.6 | 376.7 | 365 | 384 | 1.019 | 6.116 | 1.63% | 0 |
| Overall | | 48 | 356.8 | | | 325 | 384 | | | | 0 (0%) |

Dissolved Oxygen-mg/L


| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 6.963 | 6.723 | 7.202 | 5.9 | 7.9 | 0.1178 | 0.707 | 10.15% | 0 |
| 6.25 | | 8 | 7.125 | 6.901 | 7.349 | 5.6 | 7.6 | 0.1101 | 0.6606 | 9.27% | 0 |
| 12.5 | | 8 | 6.6 | 6.326 | 6.874 | 5.3 | 7.4 | 0.1351 | 0.8106 | 12.28% | 0 |
| 25 | | 8 | 6.688 | 6.395 | 6.98 | 4.7 | 7.4 | 0.144 | 0.8643 | 12.92% | 0 |
| 50 | | 8 | 6.213 | 5.801 | 6.624 | 4 | 7.3 | 0.2026 | 1.216 | 19.57% | 0 |
| 100 | | 8 | 5.888 | 5.423 | 6.352 | 4 | 7.2 | 0.2289 | 1.374 | 23.33% | 0 |
| Overall | | 48 | 6.579 | | | 4 | 7.9 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 89.25 | 86.8 | 91.7 | 84 | 98 | 1.208 | 7.246 | 8.12% | 0 |
| 100 | | 8 | 135 | 135 | 135 | 135 | 135 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 112.1 | | | 84 | 135 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 7.938 | 7.907 | 7.968 | 7.8 | 8.1 | 0.01527 | 0.09161 | 1.15% | 0 |
| 6.25 | | 8 | 7.9 | 7.874 | 7.926 | 7.8 | 8 | 0.0126 | 0.07559 | 0.96% | 0 |
| 12.5 | | 8 | 7.763 | 7.732 | 7.793 | 7.6 | 7.9 | 0.01527 | 0.09161 | 1.18% | 0 |
| 25 | | 8 | 7.763 | 7.732 | 7.793 | 7.6 | 7.9 | 0.01527 | 0.09161 | 1.18% | 0 |
| 50 | | 8 | 7.663 | 7.559 | 7.766 | 7 | 8 | 0.05113 | 0.3068 | 4.0% | 0 |
| 100 | | 8 | 7.625 | 7.535 | 7.715 | 7.1 | 7.8 | 0.04432 | 0.2659 | 3.49% | 0 |
| Overall | | 48 | 7.775 | | | 7 | 8.1 | | | | 0 (0%) |



CETIS Measurement Report

Report Date: 03 Nov-09 10:19 (p 2 of 2)
Test Code: 17-8234-8130/VCF1009148f

Fathead Minnow 7-d Larval Survival and Growth Test Aquatic Bioassay & Consulting Labs, Inc.

| Temperature-°C | | | | | | | | | | | |
|----------------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 8 | 24.85 | 24.7 | 25 | 24.2 | 25.5 | 0.07292 | 0.4375 | 1.76% | 0 |
| 6.25 | | 8 | 24.86 | 24.72 | 25.01 | 24.3 | 25.5 | 0.07179 | 0.4307 | 1.73% | 0 |
| 12.5 | | 8 | 24.79 | 24.66 | 24.91 | 24.1 | 25.3 | 0.06136 | 0.3682 | 1.49% | 0 |
| 25 | | 8 | 24.86 | 24.68 | 25.04 | 24 | 25.6 | 0.08771 | 0.5263 | 2.12% | 0 |
| 50 | | 8 | 24.85 | 24.69 | 25.01 | 24.1 | 25.6 | 0.07918 | 0.4751 | 1.91% | 0 |
| 100 | | 8 | 24.88 | 24.72 | 25.03 | 24.2 | 25.6 | 0.07855 | 0.4713 | 1.9% | 0 |
| Overall | | 48 | 24.85 | | | 24 | 25.6 | | | | 0 (0%) |

| Alkalinity (CaCO3)-mg/L | | | | | | | | | | |
|-------------------------|----------------|----|----|----|----|----|----|----|----|--|
| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 0 | Negative Contr | 63 | 63 | 63 | 60 | 60 | 60 | 60 | 60 | |
| 100 | | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | |

| Conductivity-µmhos | | | | | | | | | | |
|--------------------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 0 | Negative Contr | 354 | 356 | 355 | 359 | 335 | 357 | 335 | 349 | |
| 6.25 | | 355 | 350 | 352 | 355 | 359 | 360 | 360 | 325 | |
| 12.5 | | 350 | 347 | 378 | 349 | 355 | 359 | 369 | 336 | |
| 25 | | 352 | 351 | 350 | 350 | 350 | 352 | 355 | 359 | |
| 50 | | 360 | 359 | 355 | 355 | 358 | 358 | 358 | 348 | |
| 100 | | 379 | 379 | 375 | 370 | 375 | 370 | 365 | 384 | |

| Dissolved Oxygen-mg/L | | | | | | | | | | |
|-----------------------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 0 | Negative Contr | 5.9 | 6.5 | 7 | 6.9 | 7.9 | 7.5 | 6.3 | 7.7 | |
| 6.25 | | 5.6 | 7.2 | 6.9 | 7.2 | 7.4 | 7.5 | 7.6 | 7.6 | |
| 12.5 | | 5.3 | 6 | 6.9 | 7 | 7.2 | 7.3 | 7.4 | 5.7 | |
| 25 | | 4.7 | 6.3 | 6.9 | 6.9 | 7 | 7.1 | 7.2 | 7.4 | |
| 50 | | 4 | 5.2 | 6.8 | 6.9 | 7 | 7.2 | 7.3 | 5.3 | |
| 100 | | 4 | 4 | 6.2 | 6.9 | 6.9 | 7 | 7.2 | 4.9 | |

| Hardness (CaCO3)-mg/L | | | | | | | | | | |
|-----------------------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 0 | Negative Contr | 98 | 98 | 98 | 84 | 84 | 84 | 84 | 84 | |
| 100 | | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | |

| pH-Units | | | | | | | | | | |
|----------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 0 | Negative Contr | 8.1 | 7.9 | 7.9 | 7.9 | 8 | 7.8 | 7.9 | 8 | |
| 6.25 | | 7.8 | 7.8 | 7.9 | 7.9 | 7.9 | 7.9 | 8 | 8 | |
| 12.5 | | 7.7 | 7.8 | 7.8 | 7.7 | 7.8 | 7.9 | 7.6 | 7.8 | |
| 25 | | 7.7 | 7.7 | 7.8 | 7.8 | 7.8 | 7.9 | 7.8 | 7.6 | |
| 50 | | 7.5 | 7.6 | 7.8 | 7.8 | 7.8 | 7 | 8 | 7.8 | |
| 100 | | 7.1 | 7.4 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.5 | |

| Temperature-°C | | | | | | | | | | |
|----------------|----------------|------|------|------|------|------|------|------|------|--|
| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 0 | Negative Contr | 24.8 | 24.2 | 24.5 | 24.5 | 25 | 25 | 25.5 | 25.3 | |
| 6.25 | | 25.2 | 24.3 | 24.5 | 24.8 | 24.4 | 25.1 | 25.1 | 25.5 | |
| 12.5 | | 25.3 | 24.1 | 24.5 | 24.8 | 25.1 | 24.9 | 24.7 | 24.9 | |
| 25 | | 25.3 | 24 | 24.5 | 24.5 | 24.8 | 24.9 | 25.3 | 25.6 | |
| 50 | | 24.9 | 24.1 | 24.5 | 24.7 | 24.8 | 24.8 | 25.4 | 25.6 | |
| 100 | | 24.8 | 24.2 | 24.5 | 24.7 | 24.8 | 24.9 | 25.5 | 25.6 | |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

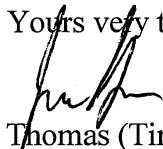
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms EPA-821-R-02-013*. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | Camarillo-1 |
| DATE RECEIVED: | 10/14/2009 |
| ABC LAB. NO.: | VCF1009148 |

CHRONIC SELENASTRUM ALGAE GROWTH BIOASSAY

| | |
|--------------------|-----------|
| NOEC = | 50.00 % |
| TU _c = | 2.00 |
| IC ₂₅ = | 79.60 % |
| IC ₅₀ = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 13:45 (p 1 of 1)
Test Code: 13-2810-1144/VCF1009148s

| Selenastrum Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | | | |
|-------------------------|-----------------|------------|---------------------------|--|------------------|--|--|
| Batch ID: | 03-2322-3515 | Test Type: | Cell Growth | Analyst: | | | |
| Start Date: | 14 Oct-09 14:00 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water | | |
| Ending Date: | 18 Oct-09 14:00 | Species: | Selenastrum capricornutum | Brine: | Not Applicable | | |
| Duration: | 96h | Source: | Aquatic Biosystems, CO | Age: | | | |
| Sample ID: | 14-2300-4060 | Code: | VCF1009148s | Client: | VCWPD | | |
| Sample Date: | 13 Oct-09 18:30 | Material: | Sample Water | Project: | Event 1 | | |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | | | |
| Sample Age: | 20h (5.8 °C) | Station: | Camarillo-1 | | | | |

Comparison Summary

| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
|--------------|--------------|------|------|-------|--------|----|------------------------------------|
| 16-3443-6314 | Cell Density | 50 | 100 | 70.71 | 10.74% | 2 | Dunnett's Multiple Comparison Test |

Point Estimate Summary

| Analysis ID | Endpoint | Level | % | 95% LCL | 95% UCL | TU | Method |
|--------------|--------------|-------|-------|---------|---------|-------|------------------------------|
| 15-9799-0988 | Cell Density | IC5 | 31.92 | 14.37 | 37.22 | 3.133 | Linear Interpolation (ICPIN) |
| | | IC10 | 40.31 | 26.05 | 50.38 | 2.481 | |
| | | IC15 | 48.71 | 37.64 | 64.84 | 2.053 | |
| | | IC20 | 63.57 | 40.13 | 76.96 | 1.573 | |
| | | IC25 | 79.6 | 62.98 | 90.09 | 1.256 | |
| | | IC40 | >100 | N/A | N/A | <1 | |
| | | IC50 | >100 | N/A | N/A | <1 | |

Test Acceptability

| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|--------------|--------------|-----------|--------------|---------|----------------------|
| 15-9799-0988 | Cell Density | Control CV | 0.06228 | NL - 0.2 | Yes | Result Within Limits |
| 16-3443-6314 | Cell Density | Control CV | 0.06228 | NL - 0.2 | Yes | Result Within Limits |
| 15-9799-0988 | Cell Density | Control Resp | 1.24E+6 | 1.00E+6 - NL | Yes | Result Within Limits |
| 16-3443-6314 | Cell Density | Control Resp | 1.24E+6 | 1.00E+6 - NL | Yes | Result Within Limits |
| 16-3443-6314 | Cell Density | PMSD | 0.1074 | 0.091 - 0.29 | Yes | Result Within Limits |

Cell Density Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|----------|----------|----------|----------|----------|----------|----------|-------|---------|
| 0 | Negative Control | 4 | 1.239E+6 | 1.210E+6 | 1.267E+6 | 1.194E+6 | 1.354E+6 | 1.408E+4 | 7.713E+4 | 6.23% | 0.0% |
| 6.25 | | 4 | 1.746E+6 | 1.732E+6 | 1.759E+6 | 1.712E+6 | 1.796E+6 | 6.651E+3 | 3.643E+4 | 2.09% | -40.96% |
| 12.5 | | 4 | 1.812E+6 | 1.778E+6 | 1.845E+6 | 1.682E+6 | 1.885E+6 | 1.628E+4 | 8.917E+4 | 4.92% | -46.27% |
| 25 | | 4 | 1.585E+6 | 1.542E+6 | 1.627E+6 | 1.441E+6 | 1.687E+6 | 2.055E+4 | 1.125E+5 | 7.1% | -27.94% |
| 50 | | 4 | 1.347E+6 | 1.314E+6 | 1.379E+6 | 1.248E+6 | 1.452E+6 | 1.591E+4 | 8.714E+4 | 6.47% | -8.72% |
| 100 | | 4 | 1.097E+6 | 1.085E+6 | 1.110E+6 | 1.051E+6 | 1.132E+6 | 6.222E+3 | 3.408E+4 | 3.11% | 11.4% |

Cell Density Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|----------|----------|----------|----------|
| 0 | Negative Control | 1.354E+6 | 1.194E+6 | 1.205E+6 | 1.201E+6 |
| 6.25 | | 1.728E+6 | 1.747E+6 | 1.712E+6 | 1.796E+6 |
| 12.5 | | 1.847E+6 | 1.832E+6 | 1.682E+6 | 1.885E+6 |
| 25 | | 1.687E+6 | 1.550E+6 | 1.441E+6 | 1.660E+6 |
| 50 | | 1.248E+6 | 1.312E+6 | 1.374E+6 | 1.452E+6 |
| 100 | | 1.051E+6 | 1.109E+6 | 1.097E+6 | 1.132E+6 |

CETIS Measurement Report

Report Date: 03 Nov-09 13:45 (p 1 of 2)
Test Code: 13-2810-1144/VCF1009148s

| Selenastrum Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | | | |
|-------------------------|-----------------|------------|---------------------------|--|------------------|--|--|
| Batch ID: | 03-2322-3515 | Test Type: | Cell Growth | Analyst: | | | |
| Start Date: | 14 Oct-09 14:00 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water | | |
| Ending Date: | 18 Oct-09 14:00 | Species: | Selenastrum capricornutum | Brine: | Not Applicable | | |
| Duration: | 96h | Source: | Aquatic Biosystems, CO | Age: | | | |
| Sample ID: | 14-2300-4060 | Code: | VCF1009148s | Client: | VCWPD | | |
| Sample Date: | 13 Oct-09 18:30 | Material: | Sample Water | Project: | Event 1 | | |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | | | |
| Sample Age: | 20h (5.8 °C) | Station: | Camarillo-1 | | | | |

| Alkalinity (CaCO3)-mg/L | | | | | | | | | | | |
|-------------------------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 1 | 68 | | | 68 | 68 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 1 | 70 | | | 70 | 70 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 1 | 66 | | | 66 | 66 | 0 | 0 | 0.0% | 0 |
| 25 | | 1 | 67 | | | 67 | 67 | 0 | 0 | 0.0% | 0 |
| 50 | | 1 | 67 | | | 67 | 67 | 0 | 0 | 0.0% | 0 |
| 100 | | 1 | 66 | | | 66 | 66 | 0 | 0 | 0.0% | 0 |
| Overall | | 6 | 67.33 | | | 66 | 70 | | | | 0 (0%) |

| Conductivity-µmhos | | | | | | | | | | | |
|--------------------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 5 | 422.2 | 421 | 423.4 | 419 | 427 | 0.594 | 3.564 | 0.84% | 0 |
| 6.25 | | 5 | 421.2 | 419.9 | 422.5 | 416 | 425 | 0.639 | 3.834 | 0.91% | 0 |
| 12.5 | | 5 | 422 | 420.9 | 423.1 | 418 | 427 | 0.5401 | 3.24 | 0.77% | 0 |
| 25 | | 5 | 426 | 424.6 | 427.4 | 422 | 433 | 0.6872 | 4.123 | 0.97% | 0 |
| 50 | | 5 | 434.6 | 432.3 | 436.9 | 430 | 446 | 1.116 | 6.693 | 1.54% | 0 |
| 100 | | 5 | 454.4 | 451.2 | 457.6 | 445 | 470 | 1.575 | 9.45 | 2.08% | 0 |
| Overall | | 30 | 430.1 | | | 416 | 470 | | | | 0 (0%) |

| Hardness (CaCO3)-mg/L | | | | | | | | | | | |
|-----------------------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 1 | 99 | | | 99 | 99 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 1 | 127 | | | 127 | 127 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 1 | 130 | | | 130 | 130 | 0 | 0 | 0.0% | 0 |
| 25 | | 1 | 133 | | | 133 | 133 | 0 | 0 | 0.0% | 0 |
| 50 | | 1 | 129 | | | 129 | 129 | 0 | 0 | 0.0% | 0 |
| 100 | | 1 | 135 | | | 135 | 135 | 0 | 0 | 0.0% | 0 |
| Overall | | 6 | 125.5 | | | 99 | 135 | | | | 0 (0%) |

| pH-Units | | | | | | | | | | | |
|----------|----------------|-------|-------|---------|---------|-----|-----|----------|---------|-------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 5 | 7.74 | 7.71 | 7.77 | 7.6 | 7.8 | 0.01491 | 0.08945 | 1.16% | 0 |
| 6.25 | | 5 | 7.82 | 7.805 | 7.835 | 7.8 | 7.9 | 0.007455 | 0.04473 | 0.57% | 0 |
| 12.5 | | 5 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 0 | 0 | 0.0% | 0 |
| 25 | | 5 | 7.76 | 7.73 | 7.79 | 7.7 | 7.9 | 0.01491 | 0.08944 | 1.15% | 0 |
| 50 | | 5 | 7.7 | 7.659 | 7.741 | 7.6 | 7.9 | 0.02041 | 0.1225 | 1.59% | 0 |
| 100 | | 5 | 7.66 | 7.582 | 7.738 | 7.4 | 8 | 0.03837 | 0.2302 | 3.01% | 0 |
| Overall | | 30 | 7.747 | | | 7.4 | 8 | | | | 0 (0%) |

| Temperature-°C | | | | | | | | | | | |
|----------------|----------------|-------|-------|---------|---------|-----|------|---------|---------|-------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 5 | 25.3 | 25.19 | 25.41 | 25 | 25.8 | 0.05652 | 0.3391 | 1.34% | 0 |
| 6.25 | | 5 | 25.28 | 25.16 | 25.4 | 25 | 25.8 | 0.05939 | 0.3564 | 1.41% | 0 |
| 12.5 | | 5 | 25.28 | 25.16 | 25.4 | 25 | 25.8 | 0.05939 | 0.3564 | 1.41% | 0 |
| 25 | | 5 | 25.28 | 25.16 | 25.4 | 25 | 25.8 | 0.05939 | 0.3564 | 1.41% | 0 |
| 50 | | 5 | 25.28 | 25.16 | 25.4 | 25 | 25.8 | 0.05939 | 0.3564 | 1.41% | 0 |
| 100 | | 5 | 25.28 | 25.16 | 25.4 | 25 | 25.8 | 0.05939 | 0.3564 | 1.41% | 0 |
| Overall | | 30 | 25.28 | | | 25 | 25.8 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 03 Nov-09 13:45 (p 2 of 2)

Test Code: 13-2810-1144/VCF1009148s

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Alkalinity (CaCO₃)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|----|---|---|---|---|
| 0 | Negative Contr | 68 | | | | |
| 6.25 | | 70 | | | | |
| 12.5 | | 66 | | | | |
| 25 | | 67 | | | | |
| 50 | | 67 | | | | |
| 100 | | 66 | | | | |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 427 | 419 | 420 | 420 | 425 |
| 6.25 | | 425 | 416 | 420 | 420 | 425 |
| 12.5 | | 427 | 418 | 421 | 422 | 422 |
| 25 | | 433 | 422 | 425 | 425 | 425 |
| 50 | | 446 | 432 | 435 | 430 | 430 |
| 100 | | 470 | 455 | 452 | 450 | 445 |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|---|---|---|---|---|
| 0 | Negative Contr | | | | | |
| 6.25 | | | | | | |
| 12.5 | | | | | | |
| 25 | | | | | | |
| 50 | | | | | | |
| 100 | | | | | | |

Hardness (CaCO₃)-mg/L

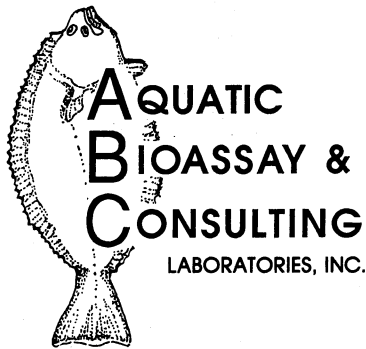
| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|---|---|---|---|
| 0 | Negative Contr | 99 | | | | |
| 6.25 | | 127 | | | | |
| 12.5 | | 130 | | | | |
| 25 | | 133 | | | | |
| 50 | | 129 | | | | |
| 100 | | 135 | | | | |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 7.7 | 7.6 | 7.8 | 7.8 | 7.8 |
| 6.25 | | 7.8 | 7.9 | 7.8 | 7.8 | 7.8 |
| 12.5 | | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 |
| 25 | | 7.9 | 7.7 | 7.7 | 7.7 | 7.8 |
| 50 | | 7.9 | 7.6 | 7.6 | 7.7 | 7.7 |
| 100 | | 8 | 7.4 | 7.5 | 7.7 | 7.7 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|------|------|------|------|------|
| 0 | Negative Contr | 25.8 | 25.5 | 25 | 25.1 | 25.1 |
| 6.25 | | 25.8 | 25.5 | 25 | 25 | 25.1 |
| 12.5 | | 25.8 | 25.5 | 25.1 | 25 | 25 |
| 25 | | 25.8 | 25.5 | 25 | 25 | 25.1 |
| 50 | | 25.8 | 25.5 | 25 | 25 | 25.1 |
| 100 | | 25.8 | 25.5 | 25 | 25 | 25.1 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms*" EPA-821-R-02-013. Results were as follows:

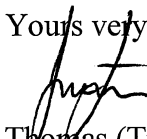
| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | Ojai-1 |
| DATE RECEIVED: | 10/14/2009 |
| ABC LAB. NO.: | VCF1009.149 |

CHRONIC CERIODAPHNIA SURVIVAL & REPRODUCTION BIOASSAY

| | | |
|----------|-------------------|-----------|
| SURVIVAL | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

| | | |
|--------------|-------------------|-----------|
| REPRODUCTION | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 11:35 (p 1 of 2)
Test Code: 11-1755-3422/VCF1009149c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|---------------------------------------|---------------------------|
| Batch ID: 08-3046-2964 | Test Type: Reproduction-Survival (7d) | Analyst: |
| Start Date: 15 Oct-09 15:51 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 22 Oct-09 16:30 | Species: Ceriodaphnia dubia | Brine: Not Applicable |
| Duration: 7d 1h | Source: In-House Culture | Age: <24h |
| Sample ID: 09-0698-8208 | Code: VCF1009149c | Client: VCWPD |
| Sample Date: 13 Oct-09 20:50 | Material: Sample Water | Project: Event 1 |
| Receive Date: 14 Oct-09 10:40 | Source: Bioassay Report | |
| Sample Age: 43h (5.8 °C) | Station: Ojai-1 | |

Comparison Summary

| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
|--------------|------------------|------|------|------|--------|----|-----------------------------------|
| 10-2671-6793 | 7d Survival Rate | 100 | >100 | N/A | N/A | 1 | Fisher Exact/Bonferroni-Holm Test |
| 04-3916-9478 | Reproduction | 100 | >100 | N/A | 29.54% | 1 | Steel Many-One Rank Test |

Point Estimate Summary

| Analysis ID | Endpoint | Level | % | 95% LCL | 95% UCL | TU | Method |
|--------------|------------------|-------|-------|---------|---------|-------|------------------------------|
| 02-9255-2563 | 7d Survival Rate | EC5 | 9.375 | 7.813 | N/A | 10.67 | Linear Interpolation (ICPIN) |
| | | EC10 | 100 | 9.375 | N/A | 1 | |
| | | EC15 | >100 | N/A | N/A | <1 | |
| | | EC20 | >100 | N/A | N/A | <1 | |
| | | EC25 | >100 | N/A | N/A | <1 | |
| | | EC40 | >100 | N/A | N/A | <1 | |
| | | EC50 | >100 | N/A | N/A | <1 | |
| 04-9820-8371 | Reproduction | IC5 | 9.323 | 7.329 | N/A | 10.73 | Linear Interpolation (ICPIN) |
| | | IC10 | 12.4 | 8.867 | N/A | 8.067 | |
| | | IC15 | >100 | N/A | N/A | <1 | |
| | | IC20 | >100 | N/A | N/A | <1 | |
| | | IC25 | >100 | N/A | N/A | <1 | |
| | | IC40 | >100 | N/A | N/A | <1 | |
| | | IC50 | >100 | N/A | N/A | <1 | |

Test Acceptability

| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|------------------|--------------|-----------|-------------|---------|----------------------|
| 02-9255-2563 | 7d Survival Rate | Control Resp | 1 | 0.8 - NL | Yes | Result Within Limits |
| 10-2671-6793 | 7d Survival Rate | Control Resp | 1 | 0.8 - NL | Yes | Result Within Limits |
| 04-3916-9478 | Reproduction | Control Resp | 22.7 | 15 - NL | Yes | Result Within Limits |
| 04-9820-8371 | Reproduction | Control Resp | 22.7 | 15 - NL | Yes | Result Within Limits |
| 04-3916-9478 | Reproduction | PMSD | 0.2954 | 0.13 - 0.47 | Yes | Result Within Limits |

7d Survival Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|------|---------|---------|-----|-----|---------|---------|--------|-------|
| 0 | Negative Control | 10 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 6.25 | | 10 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 12.5 | | 10 | 0.8 | 0.6426 | 0.9574 | 0 | 1 | 0.07698 | 0.4216 | 52.7% | 20.0% |
| 25 | | 10 | 0.9 | 0.7819 | 1 | 0 | 1 | 0.05774 | 0.3162 | 35.14% | 10.0% |
| 50 | | 10 | 0.9 | 0.7819 | 1 | 0 | 1 | 0.05774 | 0.3162 | 35.14% | 10.0% |
| 100 | | 10 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |

Reproduction Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|------|---------|---------|-----|-----|---------|---------|--------|---------|
| 0 | Negative Control | 10 | 22.7 | 21.66 | 23.74 | 18 | 26 | 0.5095 | 2.791 | 12.29% | 0.0% |
| 6.25 | | 10 | 24.5 | 23.22 | 25.78 | 20 | 30 | 0.628 | 3.44 | 14.04% | -7.93% |
| 12.5 | | 10 | 18.4 | 14.72 | 22.08 | 0 | 26 | 1.798 | 9.845 | 53.51% | 18.94% |
| 25 | | 10 | 18.8 | 15.99 | 21.61 | 0 | 26 | 1.374 | 7.525 | 40.03% | 17.18% |
| 50 | | 10 | 22.4 | 19.2 | 25.6 | 0 | 32 | 1.566 | 8.579 | 38.3% | 1.32% |
| 100 | | 10 | 25.2 | 23.98 | 26.42 | 19 | 30 | 0.595 | 3.259 | 12.93% | -11.01% |

CETIS Summary Report

Report Date: 03 Nov-09 11:35 (p 2 of 2)
Test Code: 11-1755-3422/VCF1009149c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 |
| 100 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

Reproduction Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 18 | 18 | 23 | 23 | 22 | 26 | 23 | 24 | 24 | 26 |
| 6.25 | | 21 | 23 | 20 | 23 | 30 | 27 | 23 | 24 | 24 | 30 |
| 12.5 | | 24 | 23 | 22 | 0 | 24 | 26 | 0 | 24 | 20 | 21 |
| 25 | | 22 | 22 | 22 | 0 | 15 | 19 | 23 | 26 | 24 | 15 |
| 50 | | 22 | 27 | 32 | 23 | 0 | 23 | 25 | 24 | 20 | 28 |
| 100 | | 30 | 25 | 19 | 28 | 26 | 24 | 23 | 29 | 25 | 23 |

CETIS Measurement Report

Report Date: 03 Nov-09 11:35 (p 1 of 2)
Test Code: 11-1755-3422/VCF1009149c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Batch ID: 08-3046-2964 Test Type: Reproduction-Survival (7d)
Start Date: 15 Oct-09 15:51 Protocol: EPA/821/R-02-013 (2002)
Ending Date: 22 Oct-09 16:30 Species: Ceriodaphnia dubia
Duration: 7d 1h Source: In-House Culture

Analyst:
Diluent: Laboratory Water
Brine: Not Applicable
Age: <24h

Sample ID: 09-0698-8208 Code: VCF1009149c
Sample Date: 13 Oct-09 20:50 Material: Sample Water
Receive Date: 14 Oct-09 10:40 Source: Bioassay Report
Sample Age: 43h (5.8 °C) Station: Ojai-1

Client: VCWPD
Project: Event 1

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 61.13 | 60.6 | 61.65 | 60 | 63 | 0.2588 | 1.553 | 2.54% | 0 |
| 100 | | 8 | 35 | 35 | 35 | 35 | 35 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 48.06 | | | 35 | 63 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 350 | 346.7 | 353.3 | 335 | 359 | 1.616 | 9.695 | 2.77% | 0 |
| 6.25 | | 8 | 327.1 | 325 | 329.2 | 312 | 332 | 1.037 | 6.221 | 1.9% | 0 |
| 12.5 | | 8 | 317.9 | 313.3 | 322.4 | 288 | 335 | 2.239 | 13.43 | 4.23% | 0 |
| 25 | | 8 | 237.1 | 230 | 244.3 | 222 | 288 | 3.53 | 21.18 | 8.93% | 0 |
| 50 | | 8 | 223.1 | 221.7 | 224.6 | 215 | 228 | 0.7151 | 4.291 | 1.92% | 0 |
| 100 | | 8 | 85.25 | 73.95 | 96.55 | 3 | 103 | 5.568 | 33.41 | 39.19% | 0 |
| Overall | | 48 | 256.8 | | | 3 | 359 | | | | 0 (0%) |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 7.475 | 7.253 | 7.697 | 5.9 | 7.9 | 0.1094 | 0.6563 | 8.78% | 0 |
| 6.25 | | 8 | 7.05 | 6.719 | 7.381 | 5.3 | 7.8 | 0.1631 | 0.9783 | 13.88% | 0 |
| 12.5 | | 8 | 7.2 | 6.935 | 7.465 | 5.9 | 7.8 | 0.1303 | 0.7819 | 10.86% | 0 |
| 25 | | 8 | 7.413 | 7.143 | 7.682 | 5.7 | 7.9 | 0.1329 | 0.7972 | 10.75% | 0 |
| 50 | | 8 | 6.788 | 6.501 | 7.074 | 5.3 | 7.5 | 0.141 | 0.8459 | 12.46% | 0 |
| 100 | | 8 | 6.613 | 6.288 | 6.937 | 5 | 7.5 | 0.16 | 0.9598 | 14.52% | 0 |
| Overall | | 48 | 7.09 | | | 5 | 7.9 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 89.25 | 86.8 | 91.7 | 84 | 98 | 1.208 | 7.246 | 8.12% | 0 |
| 100 | | 8 | 98 | 98 | 98 | 98 | 98 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 93.63 | | | 84 | 98 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|----------|---------|-------|----------|
| 0 | Negative Contr | 8 | 7.938 | 7.907 | 7.968 | 7.8 | 8.1 | 0.01527 | 0.09161 | 1.15% | 0 |
| 6.25 | | 8 | 7.825 | 7.79 | 7.86 | 7.6 | 7.9 | 0.01725 | 0.1035 | 1.32% | 0 |
| 12.5 | | 8 | 7.8 | 7.756 | 7.844 | 7.6 | 7.9 | 0.02182 | 0.1309 | 1.68% | 0 |
| 25 | | 8 | 7.838 | 7.82 | 7.855 | 7.8 | 7.9 | 0.008626 | 0.05175 | 0.66% | 0 |
| 50 | | 8 | 7.8 | 7.756 | 7.844 | 7.6 | 7.9 | 0.02182 | 0.1309 | 1.68% | 0 |
| 100 | | 8 | 7.725 | 7.666 | 7.784 | 7.5 | 7.9 | 0.02921 | 0.1753 | 2.27% | 0 |
| Overall | | 48 | 7.821 | | | 7.5 | 8.1 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 03 Nov-09 11:35 (p 2 of 2)
Test Code: 11-1755-3422/VCF1009149c

Ceriodaphnia 7-d Survival and Reproduction Test Aquatic Bioassay & Consulting Labs, Inc.

| Temperature-°C | | | | | | | | | | | |
|----------------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 8 | 24.78 | 24.68 | 24.87 | 24.2 | 25 | 0.04777 | 0.2866 | 1.16% | 0 |
| 6.25 | | 8 | 24.79 | 24.67 | 24.91 | 24.1 | 25.2 | 0.06005 | 0.3603 | 1.45% | 0 |
| 12.5 | | 8 | 24.66 | 24.53 | 24.8 | 24.1 | 25.2 | 0.06603 | 0.3962 | 1.61% | 0 |
| 25 | | 8 | 24.53 | 24.39 | 24.66 | 24.1 | 25.3 | 0.06711 | 0.4027 | 1.64% | 0 |
| 50 | | 8 | 24.71 | 24.57 | 24.85 | 24.1 | 25.5 | 0.06926 | 0.4156 | 1.68% | 0 |
| 100 | | 8 | 24.7 | 24.55 | 24.85 | 24 | 25.5 | 0.07292 | 0.4375 | 1.77% | 0 |
| Overall | | 48 | 24.69 | | | 24 | 25.5 | | | | 0 (0%) |

| Alkalinity (CaCO3)-mg/L | | | | | | | | | | |
|-------------------------|----------------|----|----|----|----|----|----|----|----|--|
| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 0 | Negative Contr | 63 | 63 | 63 | 60 | 60 | 60 | 60 | 60 | |
| 100 | | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | |

| Conductivity-µmhos | | | | | | | | | | |
|--------------------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 0 | Negative Contr | 354 | 356 | 355 | 359 | 335 | 357 | 335 | 349 | |
| 6.25 | | 332 | 329 | 329 | 328 | 329 | 329 | 329 | 312 | |
| 12.5 | | 319 | 316 | 320 | 322 | 318 | 325 | 335 | 288 | |
| 25 | | 288 | 222 | 228 | 228 | 225 | 236 | 235 | 235 | |
| 50 | | 224 | 215 | 220 | 222 | 225 | 228 | 228 | 223 | |
| 100 | | 92 | 3 | 95 | 99 | 94 | 97 | 99 | 103 | |

| Dissolved Oxygen-mg/L | | | | | | | | | | |
|-----------------------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 0 | Negative Contr | 5.9 | 7.6 | 7.8 | 7.9 | 7.5 | 7.7 | 7.5 | 7.9 | |
| 6.25 | | 5.8 | 6.9 | 7.8 | 7.8 | 7.6 | 7.5 | 7.7 | 5.3 | |
| 12.5 | | 5.9 | 6 | 7.4 | 7.7 | 7.8 | 7.7 | 7.5 | 7.6 | |
| 25 | | 5.7 | 6.7 | 7.7 | 7.9 | 7.8 | 7.9 | 7.8 | 7.8 | |
| 50 | | 5.7 | 6.7 | 7 | 7.2 | 7.4 | 7.5 | 7.5 | 5.3 | |
| 100 | | 5.4 | 6.3 | 6.9 | 7 | 7.3 | 7.5 | 7.5 | 5 | |

| Hardness (CaCO3)-mg/L | | | | | | | | | | |
|-----------------------|----------------|----|----|----|----|----|----|----|----|--|
| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 0 | Negative Contr | 98 | 98 | 98 | 84 | 84 | 84 | 84 | 84 | |
| 100 | | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | |

| pH-Units | | | | | | | | | | |
|----------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 0 | Negative Contr | 8.1 | 7.9 | 7.9 | 7.9 | 7.9 | 8 | 8 | 7.8 | |
| 6.25 | | 7.8 | 7.8 | 7.9 | 7.9 | 7.9 | 7.8 | 7.9 | 7.6 | |
| 12.5 | | 7.9 | 7.9 | 7.8 | 7.9 | 7.9 | 7.8 | 7.6 | 7.6 | |
| 25 | | 7.9 | 7.8 | 7.9 | 7.9 | 7.8 | 7.8 | 7.8 | 7.8 | |
| 50 | | 7.8 | 7.6 | 7.9 | 7.9 | 7.9 | 7.9 | 7.8 | 7.6 | |
| 100 | | 7.5 | 7.5 | 7.7 | 7.9 | 7.9 | 7.8 | 7.9 | 7.6 | |

| Temperature-°C | | | | | | | | | | |
|----------------|----------------|------|------|------|------|------|------|------|------|--|
| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 0 | Negative Contr | 24.8 | 24.2 | 24.5 | 24.8 | 25 | 24.9 | 25 | 25 | |
| 6.25 | | 25.2 | 24.1 | 24.8 | 24.4 | 25 | 25 | 24.9 | 24.9 | |
| 12.5 | | 25.2 | 24.1 | 24.5 | 24.1 | 24.8 | 24.8 | 24.9 | 24.9 | |
| 25 | | 25.3 | 24.1 | 24.2 | 24.5 | 24.5 | 24.5 | 24.2 | 24.9 | |
| 50 | | 25.5 | 24.1 | 24.5 | 24.5 | 24.5 | 24.9 | 24.8 | 24.9 | |
| 100 | | 25.5 | 24 | 24.5 | 24.5 | 24.5 | 24.9 | 24.9 | 24.8 | |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms* EPA-821-R-02-013. Results were as follows:

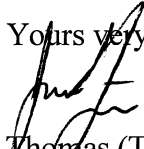
| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | Ojai-1 |
| DATE RECEIVED: | 10/14/2009 |
| ABC LAB. NO.: | VCF1009.149 |

CHRONIC FATHEAD SURVIVAL & GROWTH BIOASSAY

| | | |
|----------|--------|-----------|
| SURVIVAL | NOEC = | 100.00 % |
| | TUc = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

| | | |
|--------------|--------|----------|
| REPRODUCTION | NOEC = | 100.00 % |
| | TUc = | 1.00 |
| | IC25 = | 56.23 % |
| | IC50 = | 62.47 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 11:17 (p 1 of 2)
Test Code: 13-4248-6711/VCF1009149

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|-----------------------------------|---------------------------|
| Batch ID: 13-0603-7066 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 15 Oct-09 15:51 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 22 Oct-09 16:30 | Species: Pimephales promelas | Brine: Not Applicable |
| Duration: 7d 1h | Source: Aquatic Biosystems, CO | Age: |
| Sample ID: 16-9692-0017 | Code: VCF1009149f | Client: VCWPD |
| Sample Date: 13 Oct-09 20:50 | Material: Sample Water | Project: Event 1 |
| Receive Date: 14 Oct-09 10:40 | Source: Bioassay Report | |
| Sample Age: 43h (5.8 °C) | Station: Ojai-1 | |

Comparison Summary

| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
|--------------|---------------------|------|------|------|--------|----|--------------------------|
| 02-7841-0799 | 7d Survival Rate | 100 | >100 | N/A | 11.16% | 1 | Steel Many-One Rank Test |
| 08-0365-7524 | Mean Dry Biomass-mg | 100 | >100 | N/A | 29.84% | 1 | Bonferroni Adj t Test |

Point Estimate Summary

| Analysis ID | Endpoint | Level | % | 95% LCL | 95% UCL | TU | Method |
|--------------|---------------------|-------|-------|---------|---------|-------|------------------------------|
| 05-2149-7644 | 7d Survival Rate | EC5 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | EC10 | >100 | N/A | N/A | <1 | |
| | | EC15 | >100 | N/A | N/A | <1 | |
| | | EC20 | >100 | N/A | N/A | <1 | |
| | | EC25 | >100 | N/A | N/A | <1 | |
| | | EC40 | >100 | N/A | N/A | <1 | |
| 07-1269-2749 | Mean Dry Biomass-mg | EC50 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | IC5 | 51.25 | 49.88 | N/A | 1.951 | |
| | | IC10 | 52.49 | 49.77 | N/A | 1.905 | |
| | | IC15 | 53.74 | 49.65 | N/A | 1.861 | |
| | | IC20 | 54.99 | 49.54 | N/A | 1.819 | |
| | | IC25 | 56.23 | 49.43 | N/A | 1.778 | |
| | | IC40 | 59.97 | 49.08 | N/A | 1.667 | |
| | | IC50 | 62.47 | 48.85 | N/A | 1.601 | |

Test Acceptability

| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|---------------------|--------------|-----------|------------|---------|----------------------|
| 02-7841-0799 | 7d Survival Rate | Control Resp | 0.9 | 0.8 - NL | Yes | Result Within Limits |
| 05-2149-7644 | 7d Survival Rate | Control Resp | 0.9 | 0.8 - NL | Yes | Result Within Limits |
| 07-1269-2749 | Mean Dry Biomass-mg | Control Resp | 0.262 | 0.25 - NL | Yes | Result Within Limits |
| 08-0365-7524 | Mean Dry Biomass-mg | Control Resp | 0.262 | 0.25 - NL | Yes | Result Within Limits |
| 08-0365-7524 | Mean Dry Biomass-mg | PMSD | 0.2984 | 0.12 - 0.3 | Yes | Result Within Limits |

7d Survival Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|---------|---------|--------|-----|----------|---------|--------|---------|
| 0 | Negative Control | 4 | 0.9 | 0.8569 | 0.9431 | 0.7333 | 1 | 0.02108 | 0.1155 | 12.83% | 0.0% |
| 6.25 | | 4 | 0.9667 | 0.9523 | 0.981 | 0.9333 | 1 | 0.007027 | 0.03849 | 3.98% | -7.41% |
| 12.5 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | -11.11% |
| 25 | | 4 | 0.9667 | 0.9418 | 0.9916 | 0.8667 | 1 | 0.01217 | 0.06667 | 6.9% | -7.41% |
| 50 | | 4 | 0.9667 | 0.9523 | 0.981 | 0.9333 | 1 | 0.007027 | 0.03849 | 3.98% | -7.41% |
| 100 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | -11.11% |

Mean Dry Biomass-mg Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|---------|---------|---------|--------|--------|----------|---------|---------|---------|
| 0 | Negative Control | 4 | 0.262 | 0.2482 | 0.2758 | 0.2067 | 0.2847 | 0.006766 | 0.03706 | 14.14% | 0.0% |
| 6.25 | | 4 | 0.3893 | 0.3797 | 0.399 | 0.352 | 0.408 | 0.00472 | 0.02585 | 6.64% | -48.6% |
| 12.5 | | 4 | 0.3965 | 0.3799 | 0.4131 | 0.3307 | 0.4273 | 0.00811 | 0.04442 | 11.2% | -51.34% |
| 25 | | 4 | 0.4188 | 0.4008 | 0.4369 | 0.354 | 0.46 | 0.008839 | 0.04841 | 11.56% | -59.86% |
| 50 | | 4 | 0.4147 | 0.3955 | 0.4338 | 0.356 | 0.4787 | 0.009373 | 0.05134 | 12.38% | -58.27% |
| 100 | | 4 | -0.3783 | -0.9848 | 0.2282 | -2.815 | 0.4393 | 0.2965 | 1.624 | -429.3% | 244.4% |

CETIS Summary Report

Report Date: 03 Nov-09 11:17 (p 2 of 2)
Test Code: 13-4248-6711/VCF1009149

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|-------|--------|--------|--------|
| 0 | Negative Control | 1 | 0.9333 | 0.9333 | 0.7333 |
| 6.25 | | 1 | 1 | 0.9333 | 0.9333 |
| 12.5 | | 1 | 1 | 1 | 1 |
| 25 | | 1 | 0.8667 | 1 | 1 |
| 50 | | 1 | 0.9333 | 1 | 0.9333 |
| 100 | | 1 | 1 | 1 | 1 |

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 0.2847 | 0.276 | 0.2807 | 0.2067 |
| 6.25 | | 0.352 | 0.392 | 0.4053 | 0.408 |
| 12.5 | | 0.3307 | 0.4107 | 0.4173 | 0.4273 |
| 25 | | 0.41 | 0.4513 | 0.46 | 0.354 |
| 50 | | 0.356 | 0.3987 | 0.4787 | 0.4253 |
| 100 | | 0.432 | 0.4393 | 0.43 | -2.815 |

CETIS Measurement Report

Report Date: 03 Nov-09 11:17 (p 1 of 2)
Test Code: 13-4248-6711/VCF1009149

Fathead Minnow 7-d Larval Survival and Growth Test Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|-------------------------|----------|------------------|
| Batch ID: | 13-0603-7066 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 15 Oct-09 15:51 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 22 Oct-09 16:30 | Species: | Pimephales promelas | Brine: | Not Applicable |
| Duration: | 7d 1h | Source: | Aquatic Biosystems, CO | Age: | |
| Sample ID: | 16-9692-0017 | Code: | VCF1009149f | Client: | VCWPD |
| Sample Date: | 13 Oct-09 20:50 | Material: | Sample Water | Project: | Event 1 |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | |
| Sample Age: | 43h (5.8 °C) | Station: | Ojai-1 | | |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 61.13 | 60.6 | 61.65 | 60 | 63 | 0.2588 | 1.553 | 2.54% | 0 |
| 100 | | 8 | 35 | 35 | 35 | 35 | 35 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 48.06 | | | 35 | 63 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 350 | 346.7 | 353.3 | 335 | 359 | 1.616 | 9.695 | 2.77% | 0 |
| 6.25 | | 8 | 345.9 | 336.4 | 355.4 | 312 | 379 | 4.681 | 28.08 | 8.12% | 0 |
| 12.5 | | 8 | 315.1 | 308.2 | 322 | 267 | 335 | 3.394 | 20.36 | 6.46% | 0 |
| 25 | | 8 | 242 | 234.2 | 249.8 | 222 | 288 | 3.834 | 23 | 9.51% | 0 |
| 50 | | 8 | 223.1 | 221.7 | 224.6 | 215 | 228 | 0.7151 | 4.291 | 1.92% | 0 |
| 100 | | 8 | 96.5 | 95.25 | 97.75 | 92 | 103 | 0.6172 | 3.703 | 3.84% | 0 |
| Overall | | 48 | 262.1 | | | 92 | 379 | | | | 0 (0%) |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 7.475 | 7.253 | 7.697 | 5.9 | 7.9 | 0.1094 | 0.6563 | 8.78% | 0 |
| 6.25 | | 8 | 7.375 | 7.135 | 7.615 | 5.8 | 7.9 | 0.1181 | 0.7086 | 9.61% | 0 |
| 12.5 | | 8 | 7.15 | 6.865 | 7.435 | 5.7 | 7.8 | 0.1406 | 0.8435 | 11.8% | 0 |
| 25 | | 8 | 6.863 | 6.539 | 7.186 | 5.5 | 7.8 | 0.1596 | 0.9576 | 13.95% | 0 |
| 50 | | 8 | 6.488 | 6.349 | 6.626 | 5.7 | 7 | 0.0681 | 0.4086 | 6.3% | 0 |
| 100 | | 8 | 6.313 | 5.908 | 6.717 | 4.4 | 7.5 | 0.1995 | 1.197 | 18.96% | 0 |
| Overall | | 48 | 6.944 | | | 4.4 | 7.9 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 89.25 | 86.8 | 91.7 | 84 | 98 | 1.208 | 7.246 | 8.12% | 0 |
| 100 | | 8 | 98 | 98 | 98 | 98 | 98 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 93.63 | | | 84 | 98 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|------|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 7.925 | 7.895 | 7.955 | 7.8 | 8.1 | 0.01477 | 0.08864 | 1.12% | 0 |
| 6.25 | | 8 | 7.835 | 7.796 | 7.874 | 7.6 | 7.98 | 0.01917 | 0.115 | 1.47% | 0 |
| 12.5 | | 8 | 7.825 | 7.79 | 7.86 | 7.6 | 7.9 | 0.01725 | 0.1035 | 1.32% | 0 |
| 25 | | 8 | 7.813 | 7.774 | 7.851 | 7.6 | 7.9 | 0.01877 | 0.1126 | 1.44% | 0 |
| 50 | | 8 | 7.713 | 7.679 | 7.746 | 7.6 | 7.9 | 0.01652 | 0.0991 | 1.29% | 0 |
| 100 | | 8 | 7.725 | 7.666 | 7.784 | 7.5 | 7.9 | 0.02921 | 0.1753 | 2.27% | 0 |
| Overall | | 48 | 7.806 | | | 7.5 | 8.1 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 03 Nov-09 11:17 (p 2 of 2)
Test Code: 13-4248-6711/VCF1009149

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 24.73 | 24.62 | 24.83 | 24.2 | 25 | 0.0494 | 0.2964 | 1.2% | 0 |
| 6.25 | | 8 | 24.74 | 24.61 | 24.87 | 24.1 | 25.2 | 0.06482 | 0.3889 | 1.57% | 0 |
| 12.5 | | 8 | 24.59 | 24.47 | 24.71 | 24.1 | 25.3 | 0.06005 | 0.3603 | 1.47% | 0 |
| 25 | | 8 | 24.73 | 24.6 | 24.85 | 24.2 | 25.3 | 0.0596 | 0.3576 | 1.45% | 0 |
| 50 | | 8 | 24.74 | 24.58 | 24.89 | 24 | 25.5 | 0.0766 | 0.4596 | 1.86% | 0 |
| 100 | | 8 | 24.74 | 24.59 | 24.88 | 24 | 25.5 | 0.07179 | 0.4308 | 1.74% | 0 |
| Overall | | 48 | 24.71 | | | 24 | 25.5 | | | | 0 (0%) |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 63 | 63 | 63 | 60 | 60 | 60 | 60 | 60 |
| 100 | | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 354 | 356 | 355 | 359 | 335 | 357 | 335 | 349 |
| 6.25 | | 332 | 329 | 329 | 328 | 379 | 379 | 379 | 312 |
| 12.5 | | 319 | 315 | 320 | 322 | 318 | 325 | 335 | 267 |
| 25 | | 288 | 222 | 229 | 228 | 232 | 235 | 235 | 267 |
| 50 | | 224 | 215 | 220 | 222 | 225 | 228 | 228 | 223 |
| 100 | | 92 | 93 | 95 | 99 | 94 | 97 | 99 | 103 |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 5.9 | 7.6 | 7.8 | 7.9 | 7.5 | 7.5 | 7.7 | 7.9 |
| 6.25 | | 5.8 | 6.9 | 7.8 | 7.8 | 7.6 | 7.5 | 7.7 | 7.9 |
| 12.5 | | 5.9 | 7.4 | 7.7 | 7.8 | 7.6 | 7.6 | 7.5 | 5.7 |
| 25 | | 5.9 | 7.2 | 7.7 | 7.8 | 7.5 | 7.5 | 5.8 | 5.5 |
| 50 | | 5.7 | 6.7 | 7 | 6.3 | 6.2 | 6.8 | 6.6 | 6.6 |
| 100 | | 4.4 | 6.3 | 6.9 | 5.6 | 7.3 | 7.5 | 7.5 | 5 |

Hardness (CaCO3)-mg/L

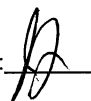
| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 98 | 98 | 98 | 84 | 84 | 84 | 84 | 84 |
| 100 | | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|------|-----|-----|-----|
| 0 | Negative Contr | 8.1 | 7.9 | 7.9 | 7.9 | 7.9 | 8 | 7.8 | 7.9 |
| 6.25 | | 7.8 | 7.8 | 7.9 | 7.9 | 7.98 | 7.8 | 7.9 | 7.6 |
| 12.5 | | 7.9 | 7.8 | 7.9 | 7.9 | 7.9 | 7.8 | 7.8 | 7.6 |
| 25 | | 7.8 | 7.7 | 7.9 | 7.9 | 7.9 | 7.9 | 7.8 | 7.6 |
| 50 | | 7.8 | 7.7 | 7.9 | 7.7 | 7.6 | 7.7 | 7.7 | 7.6 |
| 100 | | 7.5 | 7.5 | 7.7 | 7.9 | 7.9 | 7.9 | 7.8 | 7.6 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|------|------|------|------|------|------|------|------|
| 0 | Negative Contr | 24.8 | 24.2 | 24.5 | 24.5 | 24.8 | 25 | 25 | 25 |
| 6.25 | | 25.2 | 24.1 | 24.5 | 24.5 | 24.5 | 25.1 | 25 | 25 |
| 12.5 | | 25.3 | 24.4 | 24.5 | 24.5 | 24.1 | 24.5 | 24.5 | 24.9 |
| 25 | | 25.3 | 24.2 | 24.5 | 24.5 | 24.5 | 25 | 24.9 | 24.9 |
| 50 | | 25.5 | 24 | 24.5 | 24.5 | 24.5 | 24.9 | 25.1 | 24.9 |
| 100 | | 25.5 | 24 | 24.5 | 24.5 | 24.9 | 24.9 | 24.8 | 24.8 |






TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:


We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms EPA-821-R-02-013*. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | Ojai-1 |
| DATE RECEIVED: | 10/14/2009 |
| ABC LAB. NO.: | VCF1009149 |

CHRONIC SELENASTRUM ALGAE GROWTH BIOASSAY

| | |
|--------------------|-----------|
| NOEC = | 100.00 % |
| TU _c = | 1.00 |
| IC ₂₅ = | >100.00 % |
| IC ₅₀ = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 13:57 (p 1 of 1)
Test Code: 00-3618-1200/VCF1009149s

| Selenastrum Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | | | |
|-------------------------|-----------------|------------|---------------------------|--|------------------|--|--|
| Batch ID: | 13-0481-8092 | Test Type: | Cell Growth | Analyst: | | | |
| Start Date: | 14 Oct-09 14:01 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water | | |
| Ending Date: | 18 Oct-09 14:00 | Species: | Selenastrum capricornutum | Brine: | Not Applicable | | |
| Duration: | 96h | Source: | Aquatic Biosystems, CO | Age: | | | |
| Sample ID: | 19-6267-3491 | Code: | VCF1009149s | Client: | VCWPD | | |
| Sample Date: | 13 Oct-09 20:50 | Material: | Sample Water | Project: | Event 1 | | |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | | | |
| Sample Age: | 17h (5.8 °C) | Station: | Ojai-1 | | | | |

| Comparison Summary | | | | | | | |
|--------------------|--------------|------|------|------|--------|----|------------------------------------|
| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
| 11-8899-2657 | Cell Density | 100 | >100 | N/A | 10.48% | 1 | Dunnett's Multiple Comparison Test |

| Point Estimate Summary | | | | | | | |
|------------------------|--------------|-------|------|---------|---------|----|------------------------------|
| Analysis ID | Endpoint | Level | % | 95% LCL | 95% UCL | TU | Method |
| 17-0340-1142 | Cell Density | IC5 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | IC10 | >100 | N/A | N/A | <1 | |
| | | IC15 | >100 | N/A | N/A | <1 | |
| | | IC20 | >100 | N/A | N/A | <1 | |
| | | IC25 | >100 | N/A | N/A | <1 | |
| | | IC40 | >100 | N/A | N/A | <1 | |
| | | IC50 | >100 | N/A | N/A | <1 | |

| Test Acceptability | | | | | | |
|--------------------|--------------|--------------|-----------|--------------|---------|----------------------|
| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
| 11-8899-2657 | Cell Density | Control CV | 0.06228 | NL - 0.2 | Yes | Result Within Limits |
| 17-0340-1142 | Cell Density | Control CV | 0.06228 | NL - 0.2 | Yes | Result Within Limits |
| 11-8899-2657 | Cell Density | Control Resp | 1.24E+6 | 1.00E+6 - NL | Yes | Result Within Limits |
| 17-0340-1142 | Cell Density | Control Resp | 1.24E+6 | 1.00E+6 - NL | Yes | Result Within Limits |
| 11-8899-2657 | Cell Density | PMSD | 0.1048 | 0.091 - 0.29 | Yes | Result Within Limits |

| Cell Density Summary | | | | | | | | | | | |
|----------------------|------------------|-------|----------|----------|----------|----------|----------|----------|----------|-------|---------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 4 | 1.239E+6 | 1.210E+6 | 1.267E+6 | 1.194E+6 | 1.354E+6 | 1.408E+4 | 7.713E+4 | 6.23% | 0.0% |
| 6.25 | | 4 | 1.218E+6 | 1.204E+6 | 1.232E+6 | 1.167E+6 | 1.250E+6 | 6.655E+3 | 3.645E+4 | 2.99% | 1.66% |
| 12.5 | | 4 | 1.345E+6 | 1.311E+6 | 1.379E+6 | 1.251E+6 | 1.434E+6 | 1.670E+4 | 9.145E+4 | 6.8% | -8.6% |
| 25 | | 4 | 1.563E+6 | 1.521E+6 | 1.604E+6 | 1.464E+6 | 1.663E+6 | 2.025E+4 | 1.109E+5 | 7.1% | -26.16% |
| 50 | | 4 | 1.669E+6 | 1.653E+6 | 1.685E+6 | 1.621E+6 | 1.723E+6 | 7.871E+3 | 4.311E+4 | 2.58% | -34.76% |
| 100 | | 4 | 1.363E+6 | 1.337E+6 | 1.390E+6 | 1.289E+6 | 1.460E+6 | 1.300E+4 | 7.118E+4 | 5.22% | -10.07% |

| Cell Density Detail | | | | | |
|---------------------|------------------|----------|----------|----------|----------|
| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
| 0 | Negative Control | 1.354E+6 | 1.194E+6 | 1.205E+6 | 1.201E+6 |
| 6.25 | | 1.167E+6 | 1.250E+6 | 1.218E+6 | 1.237E+6 |
| 12.5 | | 1.412E+6 | 1.251E+6 | 1.283E+6 | 1.434E+6 |
| 25 | | 1.654E+6 | 1.469E+6 | 1.464E+6 | 1.663E+6 |
| 50 | | 1.679E+6 | 1.621E+6 | 1.653E+6 | 1.723E+6 |
| 100 | | 1.289E+6 | 1.358E+6 | 1.460E+6 | 1.346E+6 |

CETIS Measurement Report

Report Date: 03 Nov-09 13:57 (p 1 of 2)
Test Code: 00-3618-1200/VCF1009149s

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Batch ID: 13-0481-8092
Start Date: 14 Oct-09 14:01
Ending Date: 18 Oct-09 14:00
Duration: 96h
Test Type: Cell Growth
Protocol: EPA/821/R-02-013 (2002)
Species: Selenastrum capricornutum
Source: Aquatic Biosystems, CO

Analyst:
Diluent: Laboratory Water
Brine: Not Applicable
Age:

Sample ID: 19-6267-3491
Sample Date: 13 Oct-09 20:50
Receive Date: 14 Oct-09 10:40
Sample Age: 17h (5.8 °C)
Code: VCF1009149s
Material: Sample Water
Source: Bioassay Report
Station: Ojai-1

Client: VCWPD
Project: Event 1

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 1 | 68 | | | 68 | 68 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 1 | 67 | | | 67 | 67 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 1 | 67 | | | 67 | 67 | 0 | 0 | 0.0% | 0 |
| 25 | | 1 | 60 | | | 60 | 60 | 0 | 0 | 0.0% | 0 |
| 50 | | 1 | 50 | | | 50 | 50 | 0 | 0 | 0.0% | 0 |
| 100 | | 1 | 35 | | | 35 | 35 | 0 | 0 | 0.0% | 0 |
| Overall | | 6 | 57.83 | | | 35 | 68 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 5 | 422.2 | 421 | 423.4 | 419 | 427 | 0.594 | 3.564 | 0.84% | 0 |
| 6.25 | | 5 | 407 | 405.1 | 408.9 | 402 | 415 | 0.9501 | 5.701 | 1.4% | 0 |
| 12.5 | | 5 | 413 | 411.1 | 414.9 | 407 | 418 | 0.9204 | 5.523 | 1.34% | 0 |
| 25 | | 5 | 385.6 | 383.2 | 388 | 378 | 395 | 1.205 | 7.232 | 1.88% | 0 |
| 50 | | 5 | 316.8 | 316 | 317.6 | 314 | 320 | 0.3979 | 2.387 | 0.75% | 0 |
| 100 | | 5 | 181 | 180.1 | 181.9 | 178 | 185 | 0.4249 | 2.55 | 1.41% | 0 |
| Overall | | 30 | 354.3 | | | 178 | 427 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 1 | 99 | | | 99 | 99 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 1 | 120 | | | 120 | 120 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 1 | 135 | | | 135 | 135 | 0 | 0 | 0.0% | 0 |
| 25 | | 1 | 150 | | | 150 | 150 | 0 | 0 | 0.0% | 0 |
| 50 | | 1 | 120 | | | 120 | 120 | 0 | 0 | 0.0% | 0 |
| 100 | | 1 | 98 | | | 98 | 98 | 0 | 0 | 0.0% | 0 |
| Overall | | 6 | 120.3 | | | 98 | 150 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 5 | 7.74 | 7.71 | 7.77 | 7.6 | 7.8 | 0.01491 | 0.08945 | 1.16% | 0 |
| 6.25 | | 5 | 7.78 | 7.73 | 7.83 | 7.6 | 8 | 0.02472 | 0.1483 | 1.91% | 0 |
| 12.5 | | 5 | 7.8 | 7.747 | 7.853 | 7.6 | 8 | 0.02635 | 0.1581 | 2.03% | 0 |
| 25 | | 5 | 7.8 | 7.759 | 7.841 | 7.7 | 8 | 0.02041 | 0.1225 | 1.57% | 0 |
| 50 | | 5 | 7.8 | 7.759 | 7.841 | 7.7 | 8 | 0.02041 | 0.1225 | 1.57% | 0 |
| 100 | | 5 | 7.78 | 7.736 | 7.824 | 7.7 | 8 | 0.02173 | 0.1304 | 1.68% | 0 |
| Overall | | 30 | 7.783 | | | 7.6 | 8 | | | | 0 (0%) |

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|------|------|---------|---------|------|----------|
| 0 | Negative Contr | 5 | 24.88 | 24.8 | 24.96 | 24.5 | 25.1 | 0.0415 | 0.249 | 1.0% | 0 |
| 6.25 | | 5 | 24.88 | 24.8 | 24.96 | 24.5 | 25.1 | 0.0415 | 0.249 | 1.0% | 0 |
| 12.5 | | 5 | 24.88 | 24.8 | 24.96 | 24.5 | 25.1 | 0.0415 | 0.249 | 1.0% | 0 |
| 25 | | 5 | 24.88 | 24.8 | 24.96 | 24.5 | 25.1 | 0.0415 | 0.249 | 1.0% | 0 |
| 50 | | 5 | 24.88 | 24.8 | 24.96 | 24.5 | 25.1 | 0.0415 | 0.249 | 1.0% | 0 |
| 100 | | 5 | 24.88 | 24.8 | 24.96 | 24.5 | 25.1 | 0.0415 | 0.249 | 1.0% | 0 |
| Overall | | 30 | 24.88 | | | 24.5 | 25.1 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 03 Nov-09 13:57 (p 2 of 2)

Test Code: 00-3618-1200/VCF1009149s

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|----|---|---|---|---|
| 0 | Negative Contr | 68 | | | | |
| 6.25 | | 67 | | | | |
| 12.5 | | 67 | | | | |
| 25 | | 60 | | | | |
| 50 | | 50 | | | | |
| 100 | | 35 | | | | |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 427 | 419 | 420 | 420 | 425 |
| 6.25 | | 411 | 402 | 404 | 403 | 415 |
| 12.5 | | 416 | 407 | 407 | 417 | 418 |
| 25 | | 386 | 378 | 379 | 390 | 395 |
| 50 | | 320 | 314 | 315 | 317 | 318 |
| 100 | | 181 | 178 | 181 | 180 | 185 |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|---|---|---|---|---|
| 0 | Negative Contr | | | | | |
| 6.25 | | | | | | |
| 12.5 | | | | | | |
| 25 | | | | | | |
| 50 | | | | | | |
| 100 | | | | | | |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|---|---|---|---|
| 0 | Negative Contr | 99 | | | | |
| 6.25 | | 120 | | | | |
| 12.5 | | 135 | | | | |
| 25 | | 150 | | | | |
| 50 | | 120 | | | | |
| 100 | | 98 | | | | |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 7.7 | 7.6 | 7.8 | 7.8 | 7.8 |
| 6.25 | | 8 | 7.8 | 7.6 | 7.7 | 7.8 |
| 12.5 | | 8 | 7.9 | 7.6 | 7.7 | 7.8 |
| 25 | | 8 | 7.8 | 7.7 | 7.7 | 7.8 |
| 50 | | 8 | 7.8 | 7.7 | 7.7 | 7.8 |
| 100 | | 8 | 7.7 | 7.7 | 7.7 | 7.8 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|------|------|------|------|------|
| 0 | Negative Contr | 24.9 | 24.8 | 24.5 | 25.1 | 25.1 |
| 6.25 | | 24.9 | 24.8 | 24.5 | 25.1 | 25.1 |
| 12.5 | | 24.9 | 24.8 | 24.5 | 25.1 | 25.1 |
| 25 | | 24.9 | 24.8 | 24.5 | 25.1 | 25.1 |
| 50 | | 24.9 | 24.8 | 24.5 | 25.1 | 25.1 |
| 100 | | 24.9 | 24.8 | 24.5 | 25.1 | 25.1 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms*" EPA-821-R-02-013. Results were as follows:

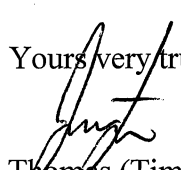
| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | VC Meiners Oaks-1 |
| DATE RECEIVED: | 10/14/2009 |
| ABC LAB. NO.: | VCF1009.150 |

CHRONIC CERIODAPHNIA SURVIVAL & REPRODUCTION BIOASSAY

| | | |
|----------|--------|-----------|
| SURVIVAL | NOEC = | 100.00 % |
| | TUc = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

| | | |
|--------------|--------|-----------|
| REPRODUCTION | NOEC = | 100.00 % |
| | TUc = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 12:16 (p 1 of 2)
Test Code: 02-0012-6573/VCF1009150c

| Ceriodaphnia 7-d Survival and Reproduction Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | | | |
|---|-----------------|------------|----------------------------|--|------------------|--|--|
| Batch ID: | 00-5400-0972 | Test Type: | Reproduction-Survival (7d) | Analyst: | | | |
| Start Date: | 15 Oct-09 15:55 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water | | |
| Ending Date: | 22 Oct-09 16:20 | Species: | Ceriodaphnia dubia | Brine: | Not Applicable | | |
| Duration: | 7d 0h | Source: | In-House Culture | Age: | | | |
| Sample ID: | 07-3028-1144 | Code: | VCF1009150c | Client: | VCWPD | | |
| Sample Date: | 13 Oct-09 20:15 | Material: | Sample Water | Project: | Event 1 | | |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | | | |
| Sample Age: | 44h (5.8 °C) | Station: | VC Meiners Oaks-1 | | | | |

| Comparison Summary | | | | | | | |
|--------------------|------------------|------|------|------|--------|----|-----------------------------------|
| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
| 07-7662-2066 | 7d Survival Rate | 100 | >100 | N/A | N/A | 1 | Fisher Exact/Bonferroni-Holm Test |
| 09-4110-8395 | Reproduction | 100 | >100 | N/A | 23.21% | 1 | Steel Many-One Rank Test |

| Point Estimate Summary | | | | | | | |
|------------------------|------------------|-------|------|---------|---------|----|------------------------------|
| Analysis ID | Endpoint | Level | % | 95% LCL | 95% UCL | TU | Method |
| 10-8091-3487 | 7d Survival Rate | EC5 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | EC10 | >100 | N/A | N/A | <1 | |
| | | EC15 | >100 | N/A | N/A | <1 | |
| | | EC20 | >100 | N/A | N/A | <1 | |
| | | EC25 | >100 | N/A | N/A | <1 | |
| | | EC40 | >100 | N/A | N/A | <1 | |
| | | EC50 | >100 | N/A | N/A | <1 | |
| 19-7436-4840 | Reproduction | IC5 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | IC10 | >100 | N/A | N/A | <1 | |
| | | IC15 | >100 | N/A | N/A | <1 | |
| | | IC20 | >100 | N/A | N/A | <1 | |
| | | IC25 | >100 | N/A | N/A | <1 | |
| | | IC40 | >100 | N/A | N/A | <1 | |
| | | IC50 | >100 | N/A | N/A | <1 | |

| Test Acceptability | | | | | | |
|--------------------|------------------|--------------|-----------|-------------|---------|----------------------|
| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
| 07-7662-2066 | 7d Survival Rate | Control Resp | 0.9 | 0.8 - NL | Yes | Result Within Limits |
| 10-8091-3487 | 7d Survival Rate | Control Resp | 0.9 | 0.8 - NL | Yes | Result Within Limits |
| 09-4110-8395 | Reproduction | Control Resp | 22.4 | 15 - NL | Yes | Result Within Limits |
| 19-7436-4840 | Reproduction | Control Resp | 22.4 | 15 - NL | Yes | Result Within Limits |
| 09-4110-8395 | Reproduction | PMSD | 0.2321 | 0.13 - 0.47 | Yes | Result Within Limits |

| 7d Survival Rate Summary | | | | | | | | | | | |
|--------------------------|------------------|-------|------|---------|---------|-----|-----|---------|---------|--------|---------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 10 | 0.9 | 0.7819 | 1 | 0 | 1 | 0.05774 | 0.3162 | 35.14% | 0.0% |
| 6.25 | | 10 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | -11.11% |
| 12.5 | | 10 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | -11.11% |
| 25 | | 10 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | -11.11% |
| 50 | | 10 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | -11.11% |
| 100 | | 10 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | -11.11% |

| Reproduction Summary | | | | | | | | | | | |
|----------------------|------------------|-------|------|---------|---------|-----|-----|---------|---------|--------|---------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 10 | 22.4 | 19.03 | 25.77 | 0 | 32 | 1.647 | 9.021 | 40.27% | 0.0% |
| 6.25 | | 10 | 24.2 | 23.22 | 25.18 | 21 | 30 | 0.4776 | 2.616 | 10.81% | -8.04% |
| 12.5 | | 10 | 22.9 | 21.52 | 24.28 | 17 | 30 | 0.6747 | 3.695 | 16.14% | -2.23% |
| 25 | | 10 | 22.4 | 20.6 | 24.2 | 13 | 30 | 0.8786 | 4.812 | 21.48% | 0.0% |
| 50 | | 10 | 23.2 | 21.42 | 24.98 | 17 | 30 | 0.8684 | 4.756 | 20.5% | -3.57% |
| 100 | | 10 | 26 | 25 | 27 | 22 | 30 | 0.4869 | 2.667 | 10.26% | -16.07% |

CETIS Summary Report

Report Date: 03 Nov-09 12:16 (p 2 of 2)
Test Code: 02-0012-6573/VCF1009150c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 100 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

Reproduction Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 27 | 18 | 19 | 26 | 0 | 27 | 29 | 32 | 25 | 21 |
| 6.25 | | 24 | 24 | 26 | 23 | 24 | 22 | 21 | 26 | 22 | 30 |
| 12.5 | | 25 | 24 | 25 | 17 | 20 | 20 | 24 | 24 | 30 | 20 |
| 25 | | 23 | 17 | 13 | 20 | 23 | 26 | 22 | 25 | 25 | 30 |
| 50 | | 28 | 28 | 30 | 27 | 17 | 17 | 21 | 23 | 21 | 20 |
| 100 | | 22 | 24 | 27 | 25 | 26 | 30 | 27 | 23 | 26 | 30 |

CETIS Measurement Report

Report Date: 03 Nov-09 12:16 (p 1 of 2)
Test Code: 02-0012-6573/VCF1009150c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Batch ID: 00-5400-0972
Start Date: 15 Oct-09 15:55
Ending Date: 22 Oct-09 16:20
Duration: 7d 0h

Test Type: Reproduction-Survival (7d)
Protocol: EPA/821/R-02-013 (2002)
Species: Ceriodaphnia dubia
Source: In-House Culture

Analyst:
Diluent: Laboratory Water
Brine: Not Applicable
Age:

Sample ID: 07-3028-1144
Sample Date: 13 Oct-09 20:15
Receive Date: 14 Oct-09 10:40
Sample Age: 44h (5.8 °C)

Code: VCF1009150c
Material: Sample Water
Source: Bioassay Report
Station: VC Meiners Oaks-1

Client: VCWPD
Project: Event 1

Alkalinity (CaCO₃)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 61.13 | 60.6 | 61.65 | 60 | 63 | 0.2588 | 1.553 | 2.54% | 0 |
| 100 | | 8 | 53 | 53 | 53 | 53 | 53 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 57.06 | | | 53 | 63 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 350 | 346.7 | 353.3 | 335 | 359 | 1.616 | 9.695 | 2.77% | 0 |
| 6.25 | | 8 | 335.5 | 332.7 | 338.3 | 315 | 340 | 1.386 | 8.315 | 2.48% | 0 |
| 12.5 | | 8 | 336 | 335 | 337 | 331 | 339 | 0.504 | 3.024 | 0.9% | 0 |
| 25 | | 8 | 321.1 | 315.8 | 326.5 | 283 | 332 | 2.627 | 15.76 | 4.91% | 0 |
| 50 | | 8 | 310.6 | 305.9 | 315.4 | 283 | 325 | 2.345 | 14.07 | 4.53% | 0 |
| 100 | | 8 | 269.8 | 265.6 | 273.9 | 249 | 287 | 2.05 | 12.3 | 4.56% | 0 |
| Overall | | 48 | 320.5 | | | 249 | 359 | | | | 0 (0%) |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 7.475 | 7.253 | 7.697 | 5.9 | 7.9 | 0.1094 | 0.6563 | 8.78% | 0 |
| 6.25 | | 8 | 7.088 | 6.732 | 7.443 | 5 | 7.9 | 0.1754 | 1.052 | 14.84% | 0 |
| 12.5 | | 8 | 5.863 | 5.663 | 6.062 | 5 | 7.1 | 0.09837 | 0.5902 | 10.07% | 0 |
| 25 | | 8 | 6.663 | 6.347 | 6.978 | 5.5 | 7.6 | 0.1553 | 0.9319 | 13.99% | 0 |
| 50 | | 8 | 6.7 | 6.337 | 7.063 | 4.7 | 7.5 | 0.1788 | 1.073 | 16.02% | 0 |
| 100 | | 8 | 6.225 | 5.689 | 6.761 | 4 | 7.5 | 0.2639 | 1.584 | 25.44% | 0 |
| Overall | | 48 | 6.669 | | | 4 | 7.9 | | | | 0 (0%) |

Hardness (CaCO₃)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 89.25 | 86.8 | 91.7 | 84 | 98 | 1.208 | 7.246 | 8.12% | 0 |
| 100 | | 8 | 130 | 130 | 130 | 130 | 130 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 109.6 | | | 84 | 130 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 7.938 | 7.907 | 7.968 | 7.8 | 8.1 | 0.01527 | 0.09161 | 1.15% | 0 |
| 6.25 | | 8 | 7.775 | 7.732 | 7.818 | 7.5 | 7.9 | 0.02136 | 0.1282 | 1.65% | 0 |
| 12.5 | | 8 | 7.763 | 7.718 | 7.807 | 7.5 | 7.9 | 0.02171 | 0.1302 | 1.68% | 0 |
| 25 | | 8 | 7.738 | 7.712 | 7.763 | 7.6 | 7.8 | 0.0124 | 0.07441 | 0.96% | 0 |
| 50 | | 8 | 7.738 | 7.69 | 7.785 | 7.5 | 7.9 | 0.02346 | 0.1408 | 1.82% | 0 |
| 100 | | 8 | 7.4 | 7.34 | 7.46 | 7.1 | 7.7 | 0.02955 | 0.1773 | 2.4% | 0 |
| Overall | | 48 | 7.725 | | | 7.1 | 8.1 | | | | 0 (0%) |




CETIS Measurement Report

Report Date: 03 Nov-09 12:16 (p 2 of 2)
Test Code: 02-0012-6573/VCF1009150c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 24.55 | 24.44 | 24.66 | 24.1 | 25 | 0.05564 | 0.3338 | 1.36% | 0 |
| 6.25 | | 8 | 24.41 | 24.26 | 24.56 | 24 | 25.1 | 0.07316 | 0.439 | 1.8% | 0 |
| 12.5 | | 8 | 24.61 | 24.51 | 24.72 | 24.2 | 25.1 | 0.05228 | 0.3137 | 1.27% | 0 |
| 25 | | 8 | 24.8 | 24.76 | 24.84 | 24.5 | 24.9 | 0.02184 | 0.131 | 0.53% | 0 |
| 50 | | 8 | 24.63 | 24.5 | 24.75 | 24.1 | 25 | 0.06347 | 0.3808 | 1.55% | 0 |
| 100 | | 8 | 24.58 | 24.44 | 24.71 | 24 | 25.1 | 0.06711 | 0.4027 | 1.64% | 0 |
| Overall | | 48 | 24.6 | | | 24 | 25.1 | | | | 0 (0%) |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 63 | 63 | 63 | 60 | 60 | 60 | 60 | 60 |
| 100 | | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 354 | 356 | 355 | 359 | 335 | 357 | 335 | 349 |
| 6.25 | | 340 | 338 | 338 | 338 | 338 | 339 | 338 | 315 |
| 12.5 | | 332 | 331 | 335 | 338 | 338 | 338 | 337 | 339 |
| 25 | | 326 | 323 | 329 | 322 | 325 | 332 | 329 | 283 |
| 50 | | 304 | 303 | 310 | 315 | 320 | 325 | 325 | 283 |
| 100 | | 260 | 262 | 268 | 287 | 277 | 277 | 278 | 249 |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 5.9 | 7.6 | 7.8 | 7.9 | 7.5 | 7.5 | 7.7 | 7.9 |
| 6.25 | | 5.9 | 7.5 | 7.7 | 7.8 | 7.9 | 7.4 | 7.5 | 5 |
| 12.5 | | 5.8 | 5.9 | 5.6 | 7.1 | 5.6 | 5.9 | 5 | 6 |
| 25 | | 5.5 | 5.9 | 5.9 | 5.9 | 7.5 | 7.5 | 7.6 | 7.5 |
| 50 | | 4.7 | 6.6 | 7.2 | 7.4 | 7.4 | 7.5 | 7.4 | 5.4 |
| 100 | | 4 | 4 | 7 | 7.3 | 7.5 | 7.5 | 7.4 | 5.1 |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 98 | 98 | 98 | 84 | 84 | 84 | 84 | 84 |
| 100 | | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 8.1 | 7.9 | 7.9 | 7.9 | 8 | 7.8 | 7.9 | 8 |
| 6.25 | | 7.7 | 7.8 | 7.9 | 7.8 | 7.8 | 7.9 | 7.5 | 7.8 |
| 12.5 | | 7.8 | 7.7 | 7.7 | 7.8 | 7.8 | 7.9 | 7.9 | 7.5 |
| 25 | | 7.7 | 7.7 | 7.7 | 7.8 | 7.8 | 7.8 | 7.8 | 7.6 |
| 50 | | 7.6 | 7.7 | 7.7 | 7.8 | 7.8 | 7.9 | 7.9 | 7.5 |
| 100 | | 7.1 | 7.4 | 7.3 | 7.5 | 7.5 | 7.3 | 7.4 | 7.7 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|------|------|------|------|------|------|------|------|
| 0 | Negative Contr | 24.8 | 24.2 | 24.5 | 24.1 | 24.3 | 25 | 24.9 | 24.6 |
| 6.25 | | 25.1 | 24.3 | 24.4 | 24.5 | 25 | 24 | 24 | 24 |
| 12.5 | | 25.1 | 24.2 | 24.8 | 24.3 | 24.4 | 24.7 | 24.9 | 24.5 |
| 25 | | 24.8 | 24.8 | 24.9 | 24.8 | 24.9 | 24.8 | 24.5 | 24.9 |
| 50 | | 24.9 | 24.1 | 24.1 | 24.5 | 24.5 | 24.9 | 25 | 25 |
| 100 | | 25.1 | 25 | 24.1 | 24.5 | 24 | 24.5 | 24.9 | 24.5 |






TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms*" EPA-821-R-02-013. Results were as follows:

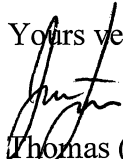
| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | VC Meiners Oaks-1 |
| DATE RECEIVED: | 10/14/2009 |
| ABC LAB. NO.: | VCF1009.150 |

CHRONIC FATHEAD SURVIVAL & GROWTH BIOASSAY

| | | |
|----------|--------------------|-----------|
| SURVIVAL | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC ₂₅ = | >100.00 % |
| | IC ₅₀ = | >100.00 % |

| | | |
|--------------|--------------------|-----------|
| REPRODUCTION | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC ₂₅ = | >100.00 % |
| | IC ₅₀ = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 12:01 (p 1 of 2)
Test Code: 07-6434-1094/VCF1009150f

| Fathead Minnow 7-d Larval Survival and Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | | | |
|--|-----------------|------------|-------------------------|--|------------------|--|--|
| Batch ID: | 12-5289-6043 | Test Type: | Growth-Survival (7d) | Analyst: | | | |
| Start Date: | 15 Oct-09 15:55 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water | | |
| Ending Date: | 22 Oct-09 16:20 | Species: | Pimephales promelas | Brine: | Not Applicable | | |
| Duration: | 7d 0h | Source: | Aquatic Biosystems, CO | Age: | | | |
| Sample ID: | 11-5341-8496 | Code: | VCF1009150f | Client: | VCWPD | | |
| Sample Date: | 13 Oct-09 20:15 | Material: | Sample Water | Project: | Event 1 | | |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | | | |
| Sample Age: | 44h (5.8 °C) | Station: | VC Meiners Oaks-1 | | | | |

| Comparison Summary | | | | | | | |
|--------------------|---------------------|------|------|------|--------|----|------------------------------------|
| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
| 06-1275-3643 | 7d Survival Rate | 100 | >100 | N/A | 8.01% | 1 | Dunnett's Multiple Comparison Test |
| 17-0843-4879 | Mean Dry Biomass-mg | 100 | >100 | N/A | 24.66% | 1 | Dunnett's Multiple Comparison Test |

| Point Estimate Summary | | | | | | | |
|------------------------|---------------------|-------|------|---------|---------|----|------------------------------|
| Analysis ID | Endpoint | Level | % | 95% LCL | 95% UCL | TU | Method |
| 14-3749-9775 | 7d Survival Rate | EC5 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | EC10 | >100 | N/A | N/A | <1 | |
| | | EC15 | >100 | N/A | N/A | <1 | |
| | | EC20 | >100 | N/A | N/A | <1 | |
| | | EC25 | >100 | N/A | N/A | <1 | |
| | | EC40 | >100 | N/A | N/A | <1 | |
| 12-2548-4831 | Mean Dry Biomass-mg | EC50 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | IC5 | >100 | N/A | N/A | <1 | |
| | | IC10 | >100 | N/A | N/A | <1 | |
| | | IC15 | >100 | N/A | N/A | <1 | |
| | | IC20 | >100 | N/A | N/A | <1 | |
| | | IC25 | >100 | N/A | N/A | <1 | |
| | | IC40 | >100 | N/A | N/A | <1 | |
| | | IC40 | >100 | N/A | N/A | <1 | |
| | | IC50 | >100 | N/A | N/A | <1 | |
| | | IC50 | >100 | N/A | N/A | <1 | |

| Test Acceptability | | | | | | |
|--------------------|---------------------|--------------|-----------|------------|---------|----------------------|
| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
| 06-1275-3643 | 7d Survival Rate | Control Resp | 0.9833 | 0.8 - NL | Yes | Result Within Limits |
| 14-3749-9775 | 7d Survival Rate | Control Resp | 0.9833 | 0.8 - NL | Yes | Result Within Limits |
| 12-2548-4831 | Mean Dry Biomass-mg | Control Resp | 0.326 | 0.25 - NL | Yes | Result Within Limits |
| 17-0843-4879 | Mean Dry Biomass-mg | Control Resp | 0.326 | 0.25 - NL | Yes | Result Within Limits |
| 17-0843-4879 | Mean Dry Biomass-mg | PMSD | 0.2466 | 0.12 - 0.3 | Yes | Result Within Limits |

| 7d Survival Rate Summary | | | | | | | | | | | |
|--------------------------|------------------|-------|--------|---------|---------|--------|-----|----------|---------|-------|-------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 4 | 0.9833 | 0.9709 | 0.9958 | 0.9333 | 1 | 0.006086 | 0.03333 | 3.39% | 0.0% |
| 6.25 | | 4 | 0.9667 | 0.9523 | 0.981 | 0.9333 | 1 | 0.007027 | 0.03849 | 3.98% | 1.7% |
| 12.5 | | 4 | 0.95 | 0.9376 | 0.9624 | 0.9333 | 1 | 0.006086 | 0.03333 | 3.51% | 3.39% |
| 25 | | 4 | 0.9667 | 0.9418 | 0.9916 | 0.8667 | 1 | 0.01217 | 0.06667 | 6.9% | 1.7% |
| 50 | | 4 | 0.95 | 0.9262 | 0.9738 | 0.8667 | 1 | 0.01165 | 0.06383 | 6.72% | 3.39% |
| 100 | | 4 | 0.9833 | 0.9709 | 0.9958 | 0.9333 | 1 | 0.006086 | 0.03333 | 3.39% | 0.0% |

| Mean Dry Biomass-mg Summary | | | | | | | | | | | |
|-----------------------------|------------------|-------|--------|---------|---------|--------|--------|----------|---------|--------|---------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 4 | 0.326 | 0.3134 | 0.3386 | 0.296 | 0.3553 | 0.006184 | 0.03387 | 10.39% | 0.0% |
| 6.25 | | 4 | 0.4442 | 0.4189 | 0.4694 | 0.36 | 0.5 | 0.01236 | 0.0677 | 15.24% | -36.25% |
| 12.5 | | 4 | 0.4318 | 0.4057 | 0.4579 | 0.376 | 0.5253 | 0.01276 | 0.06991 | 16.19% | -32.46% |
| 25 | | 4 | 0.4117 | 0.3991 | 0.4243 | 0.3773 | 0.4547 | 0.006165 | 0.03377 | 8.2% | -26.28% |
| 50 | | 4 | 0.4132 | 0.3986 | 0.4277 | 0.3713 | 0.4647 | 0.007123 | 0.03902 | 9.44% | -26.74% |
| 100 | | 4 | 0.4372 | 0.4333 | 0.4411 | 0.4287 | 0.452 | 0.001905 | 0.01043 | 2.39% | -34.1% |

CETIS Summary Report

Report Date: 03 Nov-09 12:01 (p 2 of 2)
Test Code: 07-6434-1094/VCF1009150f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 0.9333 | 1 | 1 | 1 |
| 6.25 | | 0.9333 | 1 | 0.9333 | 1 |
| 12.5 | | 1 | 0.9333 | 0.9333 | 0.9333 |
| 25 | | 1 | 1 | 1 | 0.8667 |
| 50 | | 0.8667 | 1 | 1 | 0.9333 |
| 100 | | 1 | 1 | 1 | 0.9333 |

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 0.3553 | 0.2973 | 0.3553 | 0.296 |
| 6.25 | | 0.5 | 0.498 | 0.36 | 0.4187 |
| 12.5 | | 0.5253 | 0.376 | 0.3807 | 0.4453 |
| 25 | | 0.394 | 0.4207 | 0.4547 | 0.3773 |
| 50 | | 0.4007 | 0.4647 | 0.416 | 0.3713 |
| 100 | | 0.4287 | 0.4313 | 0.4367 | 0.452 |

CETIS Measurement Report

Report Date: 03 Nov-09 12:01 (p 1 of 2)
Test Code: 07-6434-1094/VCF1009150f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|-------------------------|----------|------------------|
| Batch ID: | 12-5289-6043 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 15 Oct-09 15:55 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 22 Oct-09 16:20 | Species: | Pimephales promelas | Brine: | Not Applicable |
| Duration: | 7d 0h | Source: | Aquatic Biosystems, CO | Age: | |
| Sample ID: | 11-5341-8496 | Code: | VCF1009150f | Client: | VCWPD |
| Sample Date: | 13 Oct-09 20:15 | Material: | Sample Water | Project: | Event 1 |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | |
| Sample Age: | 44h (5.8 °C) | Station: | VC Meiners Oaks-1 | | |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 61.13 | 60.6 | 61.65 | 60 | 63 | 0.2588 | 1.553 | 2.54% | 0 |
| 100 | | 8 | 53 | 53 | 53 | 53 | 53 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 57.06 | | | 53 | 63 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 350 | 346.7 | 353.3 | 335 | 359 | 1.616 | 9.695 | 2.77% | 0 |
| 6.25 | | 8 | 335.5 | 332.7 | 338.3 | 315 | 340 | 1.386 | 8.315 | 2.48% | 0 |
| 12.5 | | 8 | 332 | 328.3 | 335.7 | 306 | 338 | 1.815 | 10.89 | 3.28% | 0 |
| 25 | | 8 | 323.8 | 320.7 | 326.8 | 302 | 329 | 1.506 | 9.036 | 2.79% | 0 |
| 50 | | 8 | 310.6 | 305.9 | 315.4 | 283 | 325 | 2.345 | 14.07 | 4.53% | 0 |
| 100 | | 8 | 269.8 | 266.4 | 273.1 | 255 | 283 | 1.666 | 9.996 | 3.71% | 0 |
| Overall | | 48 | 320.3 | | | 255 | 359 | | | | 0 (0%) |

Dissolved Oxygen-mg/L


| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 7.475 | 7.253 | 7.697 | 5.9 | 7.9 | 0.1094 | 0.6563 | 8.78% | 0 |
| 6.25 | | 8 | 7.475 | 7.251 | 7.699 | 5.9 | 7.9 | 0.1101 | 0.6606 | 8.84% | 0 |
| 12.5 | | 8 | 7.388 | 7.163 | 7.612 | 5.8 | 7.9 | 0.1107 | 0.6643 | 8.99% | 0 |
| 25 | | 8 | 6.363 | 6.157 | 6.568 | 5.5 | 7.5 | 0.1012 | 0.607 | 9.54% | 0 |
| 50 | | 8 | 7.013 | 6.677 | 7.348 | 4.7 | 7.6 | 0.1651 | 0.9906 | 14.13% | 0 |
| 100 | | 8 | 6.763 | 6.349 | 7.176 | 4 | 7.5 | 0.2037 | 1.222 | 18.08% | 0 |
| Overall | | 48 | 7.079 | | | 4 | 7.9 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 89.25 | 86.8 | 91.7 | 84 | 98 | 1.208 | 7.246 | 8.12% | 0 |
| 100 | | 8 | 130 | 130 | 130 | 130 | 130 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 109.6 | | | 84 | 130 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 7.938 | 7.907 | 7.968 | 7.8 | 8.1 | 0.01527 | 0.09161 | 1.15% | 0 |
| 6.25 | | 8 | 7.838 | 7.812 | 7.863 | 7.7 | 7.9 | 0.0124 | 0.0744 | 0.95% | 0 |
| 12.5 | | 8 | 7.65 | 7.61 | 7.69 | 7.5 | 7.8 | 0.01992 | 0.1195 | 1.56% | 0 |
| 25 | | 8 | 7.75 | 7.706 | 7.794 | 7.5 | 7.9 | 0.02182 | 0.1309 | 1.69% | 0 |
| 50 | | 8 | 7.625 | 7.59 | 7.66 | 7.5 | 7.8 | 0.01725 | 0.1035 | 1.36% | 0 |
| 100 | | 8 | 7.575 | 7.481 | 7.669 | 7.1 | 7.9 | 0.04608 | 0.2765 | 3.65% | 0 |
| Overall | | 48 | 7.729 | | | 7.1 | 8.1 | | | | 0 (0%) |




CETIS Measurement Report

Report Date: 03 Nov-09 12:01 (p 2 of 2)
Test Code: 07-6434-1094/VCF1009150f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 24.73 | 24.62 | 24.83 | 24.2 | 25.1 | 0.0502 | 0.3012 | 1.22% | 0 |
| 6.25 | | 8 | 24.71 | 24.59 | 24.83 | 24.3 | 25.1 | 0.05804 | 0.3482 | 1.41% | 0 |
| 12.5 | | 8 | 24.68 | 24.55 | 24.8 | 24.1 | 25.4 | 0.06346 | 0.3808 | 1.54% | 0 |
| 25 | | 8 | 24.4 | 24.29 | 24.51 | 24 | 24.9 | 0.05564 | 0.3338 | 1.37% | 0 |
| 50 | | 8 | 24.55 | 24.43 | 24.67 | 24.1 | 25 | 0.05909 | 0.3546 | 1.44% | 0 |
| 100 | | 8 | 24.56 | 24.42 | 24.71 | 24 | 25.1 | 0.07123 | 0.4274 | 1.74% | 0 |
| Overall | | 48 | 24.6 | | | 24 | 25.4 | | | | 0 (0%) |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 63 | 63 | 63 | 60 | 60 | 60 | 60 | 60 |
| 100 | | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 354 | 356 | 355 | 359 | 335 | 357 | 335 | 349 |
| 6.25 | | 340 | 338 | 338 | 338 | 338 | 339 | 338 | 315 |
| 12.5 | | 332 | 331 | 335 | 338 | 338 | 338 | 338 | 306 |
| 25 | | 326 | 323 | 325 | 328 | 328 | 329 | 329 | 302 |
| 50 | | 304 | 303 | 310 | 315 | 320 | 325 | 325 | 283 |
| 100 | | 260 | 262 | 268 | 275 | 277 | 278 | 255 | 283 |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 5.9 | 7.6 | 7.8 | 7.9 | 7.5 | 7.5 | 7.7 | 7.9 |
| 6.25 | | 5.9 | 7.5 | 7.7 | 7.7 | 7.8 | 7.9 | 7.4 | 7.9 |
| 12.5 | | 5.8 | 7.4 | 7.5 | 7.7 | 7.5 | 7.5 | 7.9 | 7.8 |
| 25 | | 5.5 | 5.9 | 5.9 | 7.5 | 6.6 | 6.5 | 6.5 | 6.5 |
| 50 | | 4.7 | 6.6 | 7.2 | 7.5 | 7.4 | 7.5 | 7.6 | 7.6 |
| 100 | | 4 | 6 | 7 | 7.3 | 7.5 | 7.5 | 7.4 | 7.4 |

Hardness (CaCO3)-mg/L

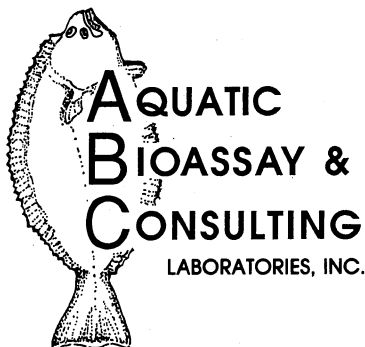
| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 98 | 98 | 98 | 84 | 84 | 84 | 84 | 84 |
| 100 | | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 8.1 | 7.9 | 7.9 | 7.9 | 8 | 7.8 | 7.9 | 8 |
| 6.25 | | 7.7 | 7.8 | 7.9 | 7.9 | 7.8 | 7.9 | 7.9 | 7.8 |
| 12.5 | | 7.8 | 7.6 | 7.7 | 7.8 | 7.7 | 7.5 | 7.6 | 7.5 |
| 25 | | 7.7 | 7.5 | 7.7 | 7.9 | 7.8 | 7.7 | 7.8 | 7.9 |
| 50 | | 7.7 | 7.8 | 7.7 | 7.6 | 7.5 | 7.6 | 7.6 | 7.5 |
| 100 | | 7.1 | 7.4 | 7.5 | 7.7 | 7.7 | 7.9 | 7.9 | 7.4 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|------|------|------|------|------|------|------|------|
| 0 | Negative Contr | 24.8 | 24.2 | 24.5 | 24.5 | 24.9 | 24.8 | 25 | 25.1 |
| 6.25 | | 25.1 | 24.5 | 24.3 | 24.5 | 24.3 | 25.1 | 25 | 24.9 |
| 12.5 | | 25.4 | 24.1 | 24.5 | 24.7 | 24.8 | 24.9 | 24.5 | 24.5 |
| 25 | | 24.8 | 24.1 | 24.1 | 24.5 | 24.3 | 24 | 24.5 | 24.9 |
| 50 | | 24.9 | 24.1 | 24.4 | 24.1 | 24.5 | 24.9 | 24.5 | 25 |
| 100 | | 25.1 | 24.1 | 24.5 | 24.3 | 24 | 24.5 | 25 | 25 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

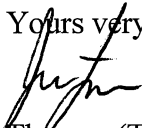
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms EPA-821-R-02-013*. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | VC Meiners Oaks-1 |
| DATE RECEIVED: | 10/14/2009 |
| ABC LAB. NO.: | VCF1009150 |

CHRONIC SELENASTRUM ALGAE GROWTH BIOASSAY

| | |
|--------------------|-----------|
| NOEC = | 100.00 % |
| TU _c = | 1.00 |
| IC ₂₅ = | >100.00 % |
| IC ₅₀ = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 14:08 (p 1 of 1)
Test Code: 09-0622-2864/VCF1009150s

| Selenastrum Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | | | |
|-------------------------|-----------------|------------|---------------------------|--|------------------|--|--|
| Batch ID: | 18-9693-7800 | Test Type: | Cell Growth | Analyst: | | | |
| Start Date: | 14 Oct-09 14:02 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water | | |
| Ending Date: | 18 Oct-09 14:00 | Species: | Selenastrum capricornutum | Brine: | Not Applicable | | |
| Duration: | 96h | Source: | Aquatic Biosystems, CO | Age: | | | |
| Sample ID: | 10-4907-7842 | Code: | VCF1009150s | Client: | VCWPD | | |
| Sample Date: | 13 Oct-09 20:15 | Material: | Sample Water | Project: | Event 1 | | |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | | | |
| Sample Age: | 18h (5.8 °C) | Station: | VC Meiners Oaks-1 | | | | |

Comparison Summary

| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
|--------------|--------------|------|------|------|--------|----|------------------------------------|
| 03-4277-5214 | Cell Density | 100 | >100 | N/A | 10.74% | 1 | Dunnett's Multiple Comparison Test |

Point Estimate Summary

| Analysis ID | Endpoint | Level | % | 95% LCL | 95% UCL | TU | Method |
|--------------|--------------|-------|-------|---------|---------|-------|------------------------------|
| 11-4376-9234 | Cell Density | IC5 | 92.43 | 66.56 | N/A | 1.082 | Linear Interpolation (ICPIN) |
| | | IC10 | >100 | N/A | N/A | <1 | |
| | | IC15 | >100 | N/A | N/A | <1 | |
| | | IC20 | >100 | N/A | N/A | <1 | |
| | | IC25 | >100 | N/A | N/A | <1 | |
| | | IC40 | >100 | N/A | N/A | <1 | |
| | | IC50 | >100 | N/A | N/A | <1 | |

Test Acceptability

| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|--------------|--------------|-----------|--------------|---------|----------------------|
| 03-4277-5214 | Cell Density | Control CV | 0.06228 | NL - 0.2 | Yes | Result Within Limits |
| 11-4376-9234 | Cell Density | Control CV | 0.06228 | NL - 0.2 | Yes | Result Within Limits |
| 03-4277-5214 | Cell Density | Control Resp | 1.24E+6 | 1.00E+6 - NL | Yes | Result Within Limits |
| 11-4376-9234 | Cell Density | Control Resp | 1.24E+6 | 1.00E+6 - NL | Yes | Result Within Limits |
| 03-4277-5214 | Cell Density | PMSD | 0.1074 | 0.091 - 0.29 | Yes | Result Within Limits |

Cell Density Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|----------|----------|----------|----------|----------|----------|----------|-------|---------|
| 0 | Negative Control | 4 | 1.239E+6 | 1.210E+6 | 1.267E+6 | 1.194E+6 | 1.354E+6 | 1.408E+4 | 7.713E+4 | 6.23% | 0.0% |
| 6.25 | | 4 | 1.588E+6 | 1.573E+6 | 1.602E+6 | 1.557E+6 | 1.644E+6 | 7.128E+3 | 3.904E+4 | 2.46% | -28.18% |
| 12.5 | | 4 | 1.689E+6 | 1.668E+6 | 1.711E+6 | 1.629E+6 | 1.768E+6 | 1.054E+4 | 5.775E+4 | 3.42% | -36.39% |
| 25 | | 4 | 1.844E+6 | 1.819E+6 | 1.869E+6 | 1.789E+6 | 1.940E+6 | 1.206E+4 | 6.607E+4 | 3.58% | -48.89% |
| 50 | | 4 | 1.851E+6 | 1.803E+6 | 1.899E+6 | 1.749E+6 | 2.031E+6 | 2.350E+4 | 1.287E+5 | 6.96% | -49.43% |
| 100 | | 4 | 1.545E+6 | 1.519E+6 | 1.571E+6 | 1.451E+6 | 1.613E+6 | 1.276E+4 | 6.992E+4 | 4.53% | -24.77% |

Cell Density Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|----------|----------|----------|----------|
| 0 | Negative Control | 1.354E+6 | 1.194E+6 | 1.205E+6 | 1.201E+6 |
| 6.25 | | 1.567E+6 | 1.557E+6 | 1.644E+6 | 1.582E+6 |
| 12.5 | | 1.768E+6 | 1.681E+6 | 1.679E+6 | 1.629E+6 |
| 25 | | 1.826E+6 | 1.821E+6 | 1.789E+6 | 1.940E+6 |
| 50 | | 1.749E+6 | 1.768E+6 | 1.855E+6 | 2.031E+6 |
| 100 | | 1.538E+6 | 1.579E+6 | 1.613E+6 | 1.451E+6 |

CETIS Measurement Report

Report Date: 03 Nov-09 14:08 (p 1 of 2)
Test Code: 09-0622-2864/VCF1009150s

| Selenastrum Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | | | |
|-------------------------|-----------------|------------|---------------------------|--|------------------|--|--|
| Batch ID: | 18-9693-7800 | Test Type: | Cell Growth | Analyst: | | | |
| Start Date: | 14 Oct-09 14:02 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water | | |
| Ending Date: | 18 Oct-09 14:00 | Species: | Selenastrum capricornutum | Brine: | Not Applicable | | |
| Duration: | 96h | Source: | Aquatic Biosystems, CO | Age: | | | |
| Sample ID: | 10-4907-7842 | Code: | VCF1009150s | Client: | VCWPD | | |
| Sample Date: | 13 Oct-09 20:15 | Material: | Sample Water | Project: | Event 1 | | |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | | | |
| Sample Age: | 18h (5.8 °C) | Station: | VC Meiners Oaks-1 | | | | |

| Alkalinity (CaCO3)-mg/L | | | | | | | | | | | |
|-------------------------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 1 | 68 | | | 68 | 68 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 1 | 70 | | | 70 | 70 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 1 | 62 | | | 62 | 62 | 0 | 0 | 0.0% | 0 |
| 25 | | 1 | 57 | | | 57 | 57 | 0 | 0 | 0.0% | 0 |
| 50 | | 1 | 61 | | | 61 | 61 | 0 | 0 | 0.0% | 0 |
| 100 | | 1 | 53 | | | 53 | 53 | 0 | 0 | 0.0% | 0 |
| Overall | | 6 | 61.83 | | | 53 | 70 | | | | 0 (0%) |

| Conductivity-µmhos | | | | | | | | | | | |
|--------------------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 5 | 422.6 | 421.5 | 423.7 | 419 | 427 | 0.5603 | 3.362 | 0.8% | 0 |
| 6.25 | | 5 | 418.2 | 416.1 | 420.3 | 415 | 429 | 1.017 | 6.099 | 1.46% | 0 |
| 12.5 | | 5 | 424 | 422.5 | 425.5 | 419 | 428 | 0.7169 | 4.301 | 1.01% | 0 |
| 25 | | 5 | 413.6 | 411.9 | 415.3 | 408 | 418 | 0.8547 | 5.128 | 1.24% | 0 |
| 50 | | 5 | 387.6 | 386.1 | 389.1 | 384 | 395 | 0.7509 | 4.506 | 1.16% | 0 |
| 100 | | 5 | 356 | 348.4 | 363.6 | 335 | 380 | 3.744 | 22.46 | 6.31% | 0 |
| Overall | | 30 | 403.7 | | | 335 | 429 | | | | 0 (0%) |

| Hardness (CaCO3)-mg/L | | | | | | | | | | | |
|-----------------------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 1 | 99 | | | 99 | 99 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 1 | 126 | | | 126 | 126 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 1 | 132 | | | 132 | 132 | 0 | 0 | 0.0% | 0 |
| 25 | | 1 | 132 | | | 132 | 132 | 0 | 0 | 0.0% | 0 |
| 50 | | 1 | 143 | | | 143 | 143 | 0 | 0 | 0.0% | 0 |
| 100 | | 1 | 130 | | | 130 | 130 | 0 | 0 | 0.0% | 0 |
| Overall | | 6 | 127 | | | 99 | 143 | | | | 0 (0%) |

| pH-Units | | | | | | | | | | | |
|----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 5 | 7.74 | 7.71 | 7.77 | 7.6 | 7.8 | 0.01491 | 0.08945 | 1.16% | 0 |
| 6.25 | | 5 | 7.7 | 7.652 | 7.748 | 7.5 | 7.8 | 0.02357 | 0.1414 | 1.84% | 0 |
| 12.5 | | 5 | 7.68 | 7.636 | 7.724 | 7.5 | 7.8 | 0.02173 | 0.1304 | 1.7% | 0 |
| 25 | | 5 | 7.66 | 7.63 | 7.69 | 7.6 | 7.8 | 0.01491 | 0.08944 | 1.17% | 0 |
| 50 | | 5 | 7.62 | 7.576 | 7.664 | 7.5 | 7.8 | 0.02173 | 0.1304 | 1.71% | 0 |
| 100 | | 5 | 7.58 | 7.524 | 7.636 | 7.4 | 7.8 | 0.02739 | 0.1643 | 2.17% | 0 |
| Overall | | 30 | 7.663 | | | 7.4 | 7.8 | | | | 0 (0%) |

| Temperature-°C | | | | | | | | | | | |
|----------------|----------------|-------|-------|---------|---------|------|------|---------|---------|------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 5 | 24.88 | 24.8 | 24.96 | 24.5 | 25.1 | 0.0415 | 0.249 | 1.0% | 0 |
| 6.25 | | 5 | 24.88 | 24.8 | 24.96 | 24.5 | 25.1 | 0.0415 | 0.249 | 1.0% | 0 |
| 12.5 | | 5 | 24.88 | 24.8 | 24.96 | 24.5 | 25.1 | 0.0415 | 0.249 | 1.0% | 0 |
| 25 | | 5 | 24.88 | 24.8 | 24.96 | 24.5 | 25.1 | 0.0415 | 0.249 | 1.0% | 0 |
| 50 | | 5 | 24.88 | 24.8 | 24.96 | 24.5 | 25.1 | 0.0415 | 0.249 | 1.0% | 0 |
| 100 | | 5 | 24.88 | 24.8 | 24.96 | 24.5 | 25.1 | 0.0415 | 0.249 | 1.0% | 0 |
| Overall | | 30 | 24.88 | | | 24.5 | 25.1 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 03 Nov-09 14:08 (p 2 of 2)

Test Code: 09-0622-2864/VCF1009150s

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Alkalinity (CaCO₃)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|----|---|---|---|---|
| 0 | Negative Contr | 68 | | | | |
| 6.25 | | 70 | | | | |
| 12.5 | | 62 | | | | |
| 25 | | 57 | | | | |
| 50 | | 61 | | | | |
| 100 | | 53 | | | | |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 427 | 419 | 422 | 420 | 425 |
| 6.25 | | 429 | 415 | 415 | 415 | 417 |
| 12.5 | | 428 | 419 | 420 | 428 | 425 |
| 25 | | 417 | 408 | 408 | 417 | 418 |
| 50 | | 395 | 384 | 384 | 387 | 388 |
| 100 | | 348 | 335 | 337 | 380 | 380 |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|---|---|---|---|---|
| 0 | Negative Contr | | | | | |
| 6.25 | | | | | | |
| 12.5 | | | | | | |
| 25 | | | | | | |
| 50 | | | | | | |
| 100 | | | | | | |

Hardness (CaCO₃)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|---|---|---|---|
| 0 | Negative Contr | 99 | | | | |
| 6.25 | | 126 | | | | |
| 12.5 | | 132 | | | | |
| 25 | | 132 | | | | |
| 50 | | 143 | | | | |
| 100 | | 130 | | | | |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 7.7 | 7.6 | 7.8 | 7.8 | 7.8 |
| 6.25 | | 7.8 | 7.6 | 7.5 | 7.8 | 7.8 |
| 12.5 | | 7.8 | 7.6 | 7.5 | 7.7 | 7.8 |
| 25 | | 7.8 | 7.6 | 7.6 | 7.6 | 7.7 |
| 50 | | 7.8 | 7.5 | 7.6 | 7.5 | 7.7 |
| 100 | | 7.8 | 7.4 | 7.5 | 7.5 | 7.7 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|------|------|------|------|------|
| 0 | Negative Contr | 24.9 | 24.8 | 24.5 | 25.1 | 25.1 |
| 6.25 | | 24.9 | 24.8 | 24.5 | 25.1 | 25.1 |
| 12.5 | | 24.9 | 24.8 | 24.5 | 25.1 | 25.1 |
| 25 | | 24.9 | 24.8 | 24.5 | 25.1 | 25.1 |
| 50 | | 24.9 | 24.8 | 24.5 | 25.1 | 25.1 |
| 100 | | 24.9 | 24.8 | 24.5 | 25.1 | 25.1 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms*" EPA-821-R-02-013. Results were as follows:

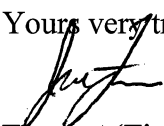
| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | Ventura-1 |
| DATE RECEIVED: | 10/14/2009 |
| ABC LAB. NO.: | VCF1009.151 |

CHRONIC CERIODAPHNIA SURVIVAL & REPRODUCTION BIOASSAY

| | | |
|----------|--------|-----------|
| SURVIVAL | NOEC = | 100.00 % |
| | TUc = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

| | | |
|--------------|--------|-----------|
| REPRODUCTION | NOEC = | 100.00 % |
| | TUc = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

Yours very truly,


Fel: Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 12:53 (p 1 of 2)
Test Code: 03-7327-2928/VCF1009151c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|---------------------------------------|---------------------------|
| Batch ID: 07-2637-7986 | Test Type: Reproduction-Survival (7d) | Analyst: |
| Start Date: 15 Oct-09 16:00 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 22 Oct-09 16:40 | Species: Ceriodaphnia dubia | Brine: Not Applicable |
| Duration: 7d 1h | Source: In-House Culture | Age: <24h |
| Sample ID: 02-4443-6481 | Code: VCF1009151c | Client: VCWPD |
| Sample Date: 13 Oct-09 23:15 | Material: Sample Water | Project: Event 1 |
| Receive Date: 14 Oct-09 10:40 | Source: Bioassay Report | |
| Sample Age: 41h (5.8 °C) | Station: Ventura-1 | |

Comparison Summary

| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
|--------------|------------------|------|------|------|-------|----|-----------------------------------|
| 09-3109-9155 | 7d Survival Rate | 100 | >100 | N/A | N/A | 1 | Fisher Exact/Bonferroni-Holm Test |
| 13-0761-8535 | Reproduction | 100 | >100 | N/A | 30.7% | 1 | Steel Many-One Rank Test |

Point Estimate Summary

| Analysis ID | Endpoint | Level | % | 95% LCL | 95% UCL | TU | Method |
|--------------|------------------|-------|-------|---------|---------|-------|------------------------------|
| 20-8065-8115 | 7d Survival Rate | EC5 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | EC10 | >100 | N/A | N/A | <1 | |
| | | EC15 | >100 | N/A | N/A | <1 | |
| | | EC20 | >100 | N/A | N/A | <1 | |
| | | EC25 | >100 | N/A | N/A | <1 | |
| | | EC40 | >100 | N/A | N/A | <1 | |
| | | EC50 | >100 | N/A | N/A | <1 | |
| 04-0341-5464 | Reproduction | IC5 | 64.24 | 38.18 | 74.48 | 1.557 | Linear Interpolation (ICPIN) |
| | | IC10 | 78.48 | 52.17 | 98.96 | 1.274 | |
| | | IC15 | 92.72 | 77.98 | N/A | 1.079 | |
| | | IC20 | >100 | N/A | N/A | <1 | |
| | | IC25 | >100 | N/A | N/A | <1 | |
| | | IC40 | >100 | N/A | N/A | <1 | |
| | | IC50 | >100 | N/A | N/A | <1 | |

Test Acceptability

| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|------------------|--------------|-----------|-------------|---------|----------------------|
| 09-3109-9155 | 7d Survival Rate | Control Resp | 0.9 | 0.8 - NL | Yes | Result Within Limits |
| 20-8065-8115 | 7d Survival Rate | Control Resp | 0.9 | 0.8 - NL | Yes | Result Within Limits |
| 04-0341-5464 | Reproduction | Control Resp | 23.1 | 15 - NL | Yes | Result Within Limits |
| 13-0761-8535 | Reproduction | Control Resp | 23.1 | 15 - NL | Yes | Result Within Limits |
| 13-0761-8535 | Reproduction | PMSD | 0.307 | 0.13 - 0.47 | Yes | Result Within Limits |

7d Survival Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|------|---------|---------|-----|-----|---------|---------|--------|---------|
| 0 | Negative Control | 10 | 0.9 | 0.7819 | 1 | 0 | 1 | 0.05774 | 0.3162 | 35.14% | 0.0% |
| 6.25 | | 10 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | -11.11% |
| 12.5 | | 10 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | -11.11% |
| 25 | | 10 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | -11.11% |
| 50 | | 10 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | -11.11% |
| 100 | | 10 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | -11.11% |

Reproduction Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|------|---------|---------|-----|-----|---------|---------|--------|---------|
| 0 | Negative Control | 10 | 23.1 | 21.43 | 24.77 | 18 | 31 | 0.8185 | 4.483 | 19.41% | 0.0% |
| 6.25 | | 10 | 28.4 | 24.01 | 32.79 | 15 | 46 | 2.149 | 11.77 | 41.44% | -22.94% |
| 12.5 | | 10 | 30.8 | 28.6 | 33 | 16 | 36 | 1.074 | 5.884 | 19.1% | -33.33% |
| 25 | | 10 | 35.2 | 33.4 | 37 | 28 | 45 | 0.8811 | 4.826 | 13.71% | -52.38% |
| 50 | | 10 | 32.3 | 29.29 | 35.31 | 15 | 42 | 1.471 | 8.056 | 24.94% | -39.83% |
| 100 | | 10 | 24.7 | 23.75 | 25.65 | 21 | 29 | 0.4639 | 2.541 | 10.29% | -6.93% |

CETIS Summary Report

Report Date: 03 Nov-09 12:53 (p 2 of 2)
Test Code: 03-7327-2928/VCF1009151c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 100 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

Reproduction Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 21 | 25 | 19 | 18 | 19 | 19 | 31 | 27 | 27 | 25 |
| 6.25 | | 20 | 15 | 31 | 18 | 37 | 44 | 46 | 18 | 36 | 19 |
| 12.5 | | 34 | 32 | 35 | 16 | 31 | 34 | 32 | 32 | 36 | 26 |
| 25 | | 45 | 34 | 37 | 38 | 37 | 30 | 28 | 36 | 36 | 31 |
| 50 | | 30 | 34 | 33 | 15 | 39 | 25 | 42 | 41 | 30 | 34 |
| 100 | | 29 | 24 | 22 | 23 | 27 | 27 | 23 | 21 | 26 | 25 |

CETIS Measurement Report

Report Date: 03 Nov-09 12:53 (p 1 of 2)
Test Code: 03-7327-2928/VCF1009151c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|----------------------------|----------|------------------|
| Batch ID: | 07-2637-7986 | Test Type: | Reproduction-Survival (7d) | Analyst: | |
| Start Date: | 15 Oct-09 16:00 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 22 Oct-09 16:40 | Species: | Ceriodaphnia dubia | Brine: | Not Applicable |
| Duration: | 7d 1h | Source: | In-House Culture | Age: | <24h |
| Sample ID: | 02-4443-6481 | Code: | VCF1009151c | Client: | VCWPD |
| Sample Date: | 13 Oct-09 23:15 | Material: | Sample Water | Project: | Event 1 |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | |
| Sample Age: | 41h (5.8 °C) | Station: | Ventura-1 | | |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 61.13 | 60.6 | 61.65 | 60 | 63 | 0.2588 | 1.553 | 2.54% | 0 |
| 100 | | 8 | 42 | 42 | 42 | 42 | 42 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 51.56 | | | 42 | 63 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 350.1 | 346.9 | 353.3 | 335 | 359 | 1.58 | 9.478 | 2.71% | 0 |
| 6.25 | | 8 | 342.8 | 335.6 | 349.9 | 310 | 385 | 3.516 | 21.1 | 6.16% | 0 |
| 12.5 | | 8 | 325.5 | 321.3 | 329.7 | 299 | 339 | 2.061 | 12.36 | 3.8% | 0 |
| 25 | | 8 | 293 | 285.1 | 300.9 | 236 | 308 | 3.871 | 23.23 | 7.93% | 0 |
| 50 | | 8 | 266.4 | 256.6 | 276.2 | 232 | 306 | 4.816 | 28.9 | 10.85% | 0 |
| 100 | | 8 | 157.6 | 154.6 | 160.6 | 148 | 170 | 1.472 | 8.831 | 5.6% | 0 |
| Overall | | 48 | 289.2 | | | 148 | 385 | | | | 0 (0%) |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 7.475 | 7.253 | 7.697 | 5.9 | 7.9 | 0.1094 | 0.6563 | 8.78% | 0 |
| 6.25 | | 8 | 6.088 | 5.898 | 6.277 | 5.2 | 6.6 | 0.0932 | 0.5592 | 9.19% | 0 |
| 12.5 | | 8 | 6.425 | 6.13 | 6.72 | 5.2 | 7.6 | 0.1455 | 0.873 | 13.59% | 0 |
| 25 | | 8 | 6.613 | 6.412 | 6.813 | 5.8 | 7.4 | 0.09898 | 0.5939 | 8.98% | 0 |
| 50 | | 8 | 6.388 | 6.288 | 6.487 | 5.7 | 6.6 | 0.04915 | 0.2949 | 4.62% | 0 |
| 100 | | 8 | 6.738 | 6.474 | 7.001 | 5.1 | 7.4 | 0.13 | 0.78 | 11.58% | 0 |
| Overall | | 48 | 6.621 | | | 5.1 | 7.9 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 89.25 | 86.8 | 91.7 | 84 | 98 | 1.208 | 7.246 | 8.12% | 0 |
| 100 | | 8 | 85 | 85 | 85 | 85 | 85 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 87.13 | | | 84 | 98 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 7.938 | 7.902 | 7.973 | 7.8 | 8.1 | 0.01768 | 0.1061 | 1.34% | 0 |
| 6.25 | | 8 | 7.788 | 7.754 | 7.821 | 7.6 | 7.9 | 0.01652 | 0.0991 | 1.27% | 0 |
| 12.5 | | 8 | 7.775 | 7.74 | 7.81 | 7.6 | 7.9 | 0.01725 | 0.1035 | 1.33% | 0 |
| 25 | | 8 | 7.8 | 7.769 | 7.831 | 7.6 | 7.9 | 0.01543 | 0.09258 | 1.19% | 0 |
| 50 | | 8 | 7.775 | 7.728 | 7.822 | 7.6 | 7.9 | 0.02314 | 0.1389 | 1.79% | 0 |
| 100 | | 8 | 7.75 | 7.693 | 7.807 | 7.5 | 7.9 | 0.02817 | 0.169 | 2.18% | 0 |
| Overall | | 48 | 7.804 | | | 7.5 | 8.1 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 03 Nov-09 12:53 (p 2 of 2)
Test Code: 03-7327-2928/VCF1009151c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 24.65 | 24.53 | 24.77 | 24 | 25 | 0.06042 | 0.3625 | 1.47% | 0 |
| 6.25 | | 8 | 24.79 | 24.73 | 24.84 | 24.5 | 25 | 0.02738 | 0.1643 | 0.66% | 0 |
| 12.5 | | 8 | 24.5 | 24.37 | 24.63 | 24 | 25.1 | 0.06362 | 0.3817 | 1.56% | 0 |
| 25 | | 8 | 24.86 | 24.72 | 25.01 | 24.2 | 25.5 | 0.07067 | 0.424 | 1.71% | 0 |
| 50 | | 8 | 24.7 | 24.55 | 24.85 | 24.1 | 25.5 | 0.07507 | 0.4504 | 1.82% | 0 |
| 100 | | 8 | 24.55 | 24.36 | 24.74 | 24 | 25.5 | 0.09215 | 0.5529 | 2.25% | 0 |
| Overall | | 48 | 24.68 | | | 24 | 25.5 | | | | 0 (0%) |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 63 | 63 | 63 | 60 | 60 | 60 | 60 | 60 |
| 100 | | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 354 | 356 | 355 | 359 | 335 | 357 | 336 | 349 |
| 6.25 | | 333 | 333 | 340 | 345 | 348 | 385 | 348 | 310 |
| 12.5 | | 324 | 320 | 325 | 330 | 332 | 335 | 339 | 299 |
| 25 | | 300 | 298 | 300 | 300 | 300 | 302 | 308 | 236 |
| 50 | | 251 | 248 | 249 | 250 | 295 | 300 | 306 | 232 |
| 100 | | 148 | 150 | 155 | 158 | 165 | 170 | 167 | 148 |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 5.9 | 7.6 | 7.8 | 7.9 | 7.5 | 7.5 | 7.7 | 7.9 |
| 6.25 | | 5.9 | 6.3 | 6.4 | 6.5 | 6.6 | 6.5 | 5.3 | 5.2 |
| 12.5 | | 5.9 | 5.4 | 7.4 | 7.6 | 6.6 | 6.5 | 6.8 | 5.2 |
| 25 | | 5.8 | 7.4 | 7.4 | 5.9 | 6.6 | 6.8 | 6.5 | 6.5 |
| 50 | | 5.7 | 6.6 | 6.5 | 6.6 | 6.5 | 6.3 | 6.4 | 6.5 |
| 100 | | 5.1 | 6.7 | 7.1 | 7.3 | 7 | 7.2 | 7.4 | 6.1 |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 98 | 98 | 98 | 84 | 84 | 84 | 84 | 84 |
| 100 | | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 8.1 | 7.9 | 7.9 | 7.8 | 7.8 | 8 | 8 | 8 |
| 6.25 | | 7.8 | 7.7 | 7.8 | 7.9 | 7.9 | 7.8 | 7.8 | 7.6 |
| 12.5 | | 7.8 | 7.8 | 7.7 | 7.7 | 7.8 | 7.9 | 7.9 | 7.6 |
| 25 | | 7.8 | 7.8 | 7.6 | 7.8 | 7.8 | 7.9 | 7.8 | 7.9 |
| 50 | | 7.7 | 7.6 | 7.7 | 7.6 | 7.9 | 7.9 | 7.9 | 7.9 |
| 100 | | 7.5 | 7.6 | 7.6 | 7.7 | 7.9 | 7.9 | 7.9 | 7.9 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|------|------|------|------|------|------|------|------|
| 0 | Negative Contr | 24.8 | 24.4 | 24.5 | 24.5 | 25 | 24 | 25 | 25 |
| 6.25 | | 24.8 | 24.9 | 24.9 | 24.8 | 25 | 24.8 | 24.6 | 24.5 |
| 12.5 | | 25.1 | 24.9 | 24 | 24.5 | 24.5 | 24 | 24.5 | 24.5 |
| 25 | | 25.1 | 24.2 | 24.5 | 24.5 | 25 | 25 | 25.1 | 25.5 |
| 50 | | 24.9 | 24.1 | 24.5 | 25.5 | 24.6 | 24.2 | 24.9 | 24.9 |
| 100 | | 24.5 | 24 | 24 | 24.5 | 24.9 | 24 | 25 | 25.5 |






TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms*" EPA-821-R-02-013. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | Ventura-1 |
| DATE RECEIVED: | 10/14/2009 |
| ABC LAB. NO.: | VCF1009.151 |

CHRONIC FATHEAD SURVIVAL & GROWTH BIOASSAY

| | | |
|----------|--------|-----------|
| SURVIVAL | NOEC = | 100.00 % |
| | TUc = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

| | | |
|--------------|--------|-----------|
| REPRODUCTION | NOEC = | 100.00 % |
| | TUc = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

Yours very truly,

for Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 12:37 (p 1 of 2)
Test Code: 09-6448-1528/VCF1009151f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|-------------------------|----------|------------------|
| Batch ID: | 14-8750-4625 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 15 Oct-09 16:00 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 22 Oct-09 16:40 | Species: | Pimephales promelas | Brine: | Not Applicable |
| Duration: | 7d 1h | Source: | Aquatic Biosystems, CO | Age: | |
| Sample ID: | 16-8148-7689 | Code: | VCF1009151f | Client: | VCWPD |
| Sample Date: | 13 Oct-09 23:15 | Material: | Sample Water | Project: | Event 1 |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | |
| Sample Age: | 41h (5.8 °C) | Station: | Ventura-1 | | |

Comparison Summary

| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
|--------------|---------------------|------|------|------|--------|----|--------------------------|
| 09-7158-6578 | 7d Survival Rate | 100 | >100 | N/A | 4.13% | 1 | Steel Many-One Rank Test |
| 03-6491-6444 | Mean Dry Biomass-mg | 100 | >100 | N/A | 18.08% | 1 | Steel Many-One Rank Test |

Point Estimate Summary

| Analysis ID | Endpoint | Level | % | 95% LCL | 95% UCL | TU | Method |
|--------------|---------------------|-------|-------|---------|---------|-------|------------------------------|
| 00-0050-7159 | 7d Survival Rate | EC5 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | EC10 | >100 | N/A | N/A | <1 | |
| | | EC15 | >100 | N/A | N/A | <1 | |
| | | EC20 | >100 | N/A | N/A | <1 | |
| | | EC25 | >100 | N/A | N/A | <1 | |
| | | EC40 | >100 | N/A | N/A | <1 | |
| | | EC50 | >100 | N/A | N/A | <1 | |
| 20-8455-5265 | Mean Dry Biomass-mg | IC5 | 91.48 | 9.206 | N/A | 1.093 | Linear Interpolation (ICPIN) |
| | | IC10 | >100 | N/A | N/A | <1 | |
| | | IC15 | >100 | N/A | N/A | <1 | |
| | | IC20 | >100 | N/A | N/A | <1 | |
| | | IC25 | >100 | N/A | N/A | <1 | |
| | | IC40 | >100 | N/A | N/A | <1 | |
| | | IC50 | >100 | N/A | N/A | <1 | |

Test Acceptability

| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|---------------------|--------------|-----------|------------|---------|----------------------|
| 00-0050-7159 | 7d Survival Rate | Control Resp | 0.9833 | 0.8 - NL | Yes | Result Within Limits |
| 09-7158-6578 | 7d Survival Rate | Control Resp | 0.9833 | 0.8 - NL | Yes | Result Within Limits |
| 03-6491-6444 | Mean Dry Biomass-mg | Control Resp | 0.326 | 0.25 - NL | Yes | Result Within Limits |
| 20-8455-5265 | Mean Dry Biomass-mg | Control Resp | 0.326 | 0.25 - NL | Yes | Result Within Limits |
| 03-6491-6444 | Mean Dry Biomass-mg | PMSD | 0.1808 | 0.12 - 0.3 | Yes | Result Within Limits |

7d Survival Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|---------|---------|--------|-----|----------|---------|-------|-------|
| 0 | Negative Control | 4 | 0.9833 | 0.9709 | 0.9958 | 0.9333 | 1 | 0.006086 | 0.03333 | 3.39% | 0.0% |
| 6.25 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | -1.7% |
| 12.5 | | 4 | 0.9833 | 0.9709 | 0.9958 | 0.9333 | 1 | 0.006086 | 0.03333 | 3.39% | 0.0% |
| 25 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | -1.7% |
| 50 | | 4 | 0.9833 | 0.9709 | 0.9958 | 0.9333 | 1 | 0.006086 | 0.03333 | 3.39% | 0.0% |
| 100 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | -1.7% |

Mean Dry Biomass-mg Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|---------|---------|--------|--------|----------|---------|--------|---------|
| 0 | Negative Control | 4 | 0.326 | 0.3134 | 0.3386 | 0.296 | 0.3553 | 0.006184 | 0.03387 | 10.39% | 0.0% |
| 6.25 | | 4 | 0.4172 | 0.4039 | 0.4304 | 0.3847 | 0.4573 | 0.006487 | 0.03553 | 8.52% | -27.97% |
| 12.5 | | 4 | 0.4948 | 0.4847 | 0.505 | 0.4707 | 0.5287 | 0.00495 | 0.02711 | 5.48% | -51.79% |
| 25 | | 4 | 0.4668 | 0.4553 | 0.4783 | 0.444 | 0.5107 | 0.005627 | 0.03082 | 6.6% | -43.2% |
| 50 | | 4 | 0.4133 | 0.4003 | 0.4264 | 0.3827 | 0.4533 | 0.006388 | 0.03499 | 8.47% | -26.79% |
| 100 | | 4 | 0.4032 | 0.387 | 0.4193 | 0.37 | 0.4647 | 0.007904 | 0.04329 | 10.74% | -23.67% |

CETIS Summary Report

Report Date: 03 Nov-09 12:37 (p 2 of 2)
Test Code: 09-6448-1528/VCF1009151f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|-------|-------|--------|
| 0 | Negative Control | 0.9333 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 0.9333 |
| 25 | | 1 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 1 | 0.9333 |
| 100 | | 1 | 1 | 1 | 1 |

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 0.3553 | 0.2973 | 0.3553 | 0.296 |
| 6.25 | | 0.3847 | 0.39 | 0.4367 | 0.4573 |
| 12.5 | | 0.4707 | 0.5287 | 0.5047 | 0.4753 |
| 25 | | 0.4467 | 0.5107 | 0.466 | 0.444 |
| 50 | | 0.432 | 0.4533 | 0.3827 | 0.3853 |
| 100 | | 0.4647 | 0.37 | 0.376 | 0.402 |

CETIS Measurement Report

Report Date: 03 Nov-09 12:37 (p 1 of 2)
Test Code: 09-6448-1528/VCF1009151f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|-------------------------|----------|------------------|
| Batch ID: | 14-8750-4625 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 15 Oct-09 16:00 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 22 Oct-09 16:40 | Species: | Pimephales promelas | Brine: | Not Applicable |
| Duration: | 7d 1h | Source: | Aquatic Biosystems, CO | Age: | |
| Sample ID: | 16-8148-7689 | Code: | VCF1009151f | Client: | VCWPD |
| Sample Date: | 13 Oct-09 23:15 | Material: | Sample Water | Project: | Event 1 |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | |
| Sample Age: | 41h (5.8 °C) | Station: | Ventura-1 | | |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 61.13 | 60.6 | 61.65 | 60 | 63 | 0.2588 | 1.553 | 2.54% | 0 |
| 100 | | 8 | 42 | 42 | 42 | 42 | 42 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 51.56 | | | 42 | 63 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 350.1 | 346.9 | 353.3 | 335 | 359 | 1.58 | 9.478 | 2.71% | 0 |
| 6.25 | | 8 | 327.8 | 315.8 | 339.7 | 245 | 355 | 5.867 | 35.2 | 10.74% | 0 |
| 12.5 | | 8 | 325.5 | 321.3 | 329.7 | 299 | 339 | 2.061 | 12.36 | 3.8% | 0 |
| 25 | | 8 | 259.3 | 227 | 291.5 | 30 | 308 | 15.91 | 95.46 | 36.82% | 0 |
| 50 | | 8 | 266.4 | 256.6 | 276.2 | 232 | 306 | 4.816 | 28.9 | 10.85% | 0 |
| 100 | | 8 | 157.6 | 154.6 | 160.6 | 148 | 170 | 1.472 | 8.831 | 5.6% | 0 |
| Overall | | 48 | 281.1 | | | 30 | 359 | | | | 0 (0%) |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 7.263 | 6.983 | 7.542 | 5.9 | 7.9 | 0.1377 | 0.8262 | 11.38% | 0 |
| 6.25 | | 8 | 6.888 | 6.609 | 7.166 | 5.8 | 7.8 | 0.137 | 0.8219 | 11.93% | 0 |
| 12.5 | | 8 | 6.225 | 5.981 | 6.469 | 4.6 | 6.9 | 0.1204 | 0.7226 | 11.61% | 0 |
| 25 | | 8 | 6.263 | 5.841 | 6.684 | 4.9 | 8.5 | 0.2076 | 1.245 | 19.89% | 0 |
| 50 | | 8 | 6.825 | 6.64 | 7.01 | 5.7 | 7.4 | 0.09118 | 0.5471 | 8.02% | 0 |
| 100 | | 8 | 6.613 | 6.326 | 6.899 | 5.1 | 7.5 | 0.1413 | 0.8476 | 12.82% | 0 |
| Overall | | 48 | 6.679 | | | 4.6 | 8.5 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 89.25 | 86.8 | 91.7 | 84 | 98 | 1.208 | 7.246 | 8.12% | 0 |
| 100 | | 8 | 85 | 85 | 85 | 85 | 85 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 87.13 | | | 84 | 98 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 7.813 | 7.697 | 7.928 | 7 | 8.1 | 0.05665 | 0.3399 | 4.35% | 0 |
| 6.25 | | 8 | 7.8 | 7.764 | 7.836 | 7.6 | 7.9 | 0.01782 | 0.1069 | 1.37% | 0 |
| 12.5 | | 8 | 7.8 | 7.774 | 7.826 | 7.7 | 7.9 | 0.0126 | 0.07559 | 0.97% | 0 |
| 25 | | 8 | 7.813 | 7.791 | 7.834 | 7.7 | 7.9 | 0.01068 | 0.06409 | 0.82% | 0 |
| 50 | | 8 | 7.7 | 7.649 | 7.751 | 7.5 | 7.9 | 0.0252 | 0.1512 | 1.96% | 0 |
| 100 | | 8 | 7.65 | 7.587 | 7.713 | 7.4 | 7.9 | 0.03086 | 0.1852 | 2.42% | 0 |
| Overall | | 48 | 7.763 | | | 7 | 8.1 | | | | 0 (0%) |




CETIS Measurement Report

Report Date: 03 Nov-09 12:37 (p 2 of 2)

Test Code: 09-6448-1528/VCF1009151f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 24.61 | 24.48 | 24.74 | 24.1 | 25 | 0.06389 | 0.3834 | 1.56% | 0 |
| 6.25 | | 8 | 24.43 | 24.35 | 24.5 | 24.1 | 24.8 | 0.03857 | 0.2314 | 0.95% | 0 |
| 12.5 | | 8 | 24.44 | 24.27 | 24.61 | 24 | 25.1 | 0.08307 | 0.4984 | 2.04% | 0 |
| 25 | | 8 | 24.73 | 24.62 | 24.83 | 24.2 | 25.1 | 0.05327 | 0.3196 | 1.29% | 0 |
| 50 | | 8 | 24.76 | 24.62 | 24.91 | 24.1 | 25.5 | 0.07124 | 0.4274 | 1.73% | 0 |
| 100 | | 8 | 24.69 | 24.56 | 24.81 | 24 | 25 | 0.062 | 0.372 | 1.51% | 0 |
| Overall | | 48 | 24.61 | | | 24 | 25.5 | | | | 0 (0%) |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 63 | 63 | 63 | 60 | 60 | 60 | 60 | 60 |
| 100 | | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 354 | 356 | 355 | 359 | 335 | 357 | 336 | 349 |
| 6.25 | | 333 | 333 | 340 | 245 | 348 | 355 | 348 | 320 |
| 12.5 | | 324 | 320 | 325 | 330 | 332 | 335 | 339 | 299 |
| 25 | | 300 | 298 | 300 | 300 | 30 | 302 | 308 | 236 |
| 50 | | 251 | 248 | 249 | 250 | 295 | 300 | 306 | 232 |
| 100 | | 148 | 150 | 155 | 158 | 165 | 170 | 167 | 148 |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 5.9 | 7.6 | 7.8 | 7.9 | 7.5 | 7.5 | 6 | 7.9 |
| 6.25 | | 5.9 | 6.3 | 7.8 | 7.8 | 6.7 | 7.4 | 7.4 | 5.8 |
| 12.5 | | 5.9 | 6.4 | 4.6 | 6.4 | 6.4 | 6.8 | 6.9 | 6.4 |
| 25 | | 5.8 | 8.5 | 5.6 | 4.9 | 5.8 | 5.9 | 5.7 | 7.9 |
| 50 | | 5.7 | 7 | 7.2 | 7.4 | 7 | 7.2 | 6.6 | 6.5 |
| 100 | | 5.1 | 5.9 | 6.7 | 7.1 | 7.5 | 7.5 | 7 | 6.1 |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 98 | 98 | 98 | 84 | 84 | 84 | 84 | 84 |
| 100 | | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 8.1 | 7 | 7.9 | 7.9 | 7.9 | 7.9 | 8 | 7.8 |
| 6.25 | | 7.8 | 7.7 | 7.8 | 7.9 | 7.9 | 7.8 | 7.9 | 7.6 |
| 12.5 | | 7.8 | 7.7 | 7.7 | 7.8 | 7.8 | 7.9 | 7.9 | 7.8 |
| 25 | | 7.8 | 7.9 | 7.7 | 7.8 | 7.8 | 7.8 | 7.9 | 7.8 |
| 50 | | 7.7 | 7.7 | 7.5 | 7.7 | 7.7 | 7.9 | 7.9 | 7.5 |
| 100 | | 7.5 | 7.6 | 7.5 | 7.7 | 7.7 | 7.9 | 7.9 | 7.4 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|------|------|------|------|------|------|------|------|
| 0 | Negative Contr | 24.8 | 24.2 | 24.5 | 24.1 | 24.3 | 25 | 25 | 25 |
| 6.25 | | 24.8 | 24.1 | 24.1 | 24.5 | 24.4 | 24.5 | 24.5 | 24.5 |
| 12.5 | | 25.1 | 24 | 24 | 24 | 24.9 | 25 | 24 | 24.5 |
| 25 | | 25.1 | 24.2 | 24.5 | 24.6 | 24.9 | 24.5 | 25 | 25 |
| 50 | | 24.9 | 24.1 | 24.5 | 24.5 | 25 | 25.5 | 24.6 | 25 |
| 100 | | 24.5 | 24 | 24.5 | 24.5 | 25 | 25 | 25 | 25 |






TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

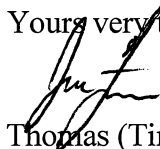
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms EPA-821-R-02-013*. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | Ventura-1 |
| DATE RECEIVED: | 10/14/2009 |
| ABC LAB. NO.: | VCF1009151 |

CHRONIC SELENASTRUM ALGAE GROWTH BIOASSAY

| | |
|--------|-----------|
| NOEC = | 100.00 % |
| TUc = | 1.00 |
| IC25 = | >100.00 % |
| IC50 = | >100.00 % |

Yours very truly,


For: Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 14:19 (p 1 of 1)
Test Code: 15-1154-5095/VCF1009151s

| Selenastrum Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | | | |
|-------------------------|-----------------|------------|---------------------------|--|------------------|--|--|
| Batch ID: | 06-7031-2983 | Test Type: | Cell Growth | Analyst: | | | |
| Start Date: | 14 Oct-09 14:03 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water | | |
| Ending Date: | 18 Oct-09 14:00 | Species: | Selenastrum capricornutum | Brine: | Not Applicable | | |
| Duration: | 96h | Source: | Aquatic Biosystems, CO | Age: | | | |
| Sample ID: | 04-9315-3473 | Code: | VCF1009151s | Client: | VCWPD | | |
| Sample Date: | 13 Oct-09 23:15 | Material: | Sample Water | Project: | Event 1 | | |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | | | |
| Sample Age: | 15h (5.8 °C) | Station: | Ventura-1 | | | | |

Comparison Summary

| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
|--------------|--------------|------|------|------|------|----|------------------------------------|
| 03-0498-6778 | Cell Density | 100 | >100 | N/A | 8.9% | 1 | Dunnett's Multiple Comparison Test |

Point Estimate Summary

| Analysis ID | Endpoint | Level | % | 95% LCL | 95% UCL | TU | Method |
|--------------|--------------|-------|------|---------|---------|----|------------------------------|
| 10-4457-8305 | Cell Density | IC5 | >100 | N/A | N/A | <1 | Linear Interpolation (ICPIN) |
| | | IC10 | >100 | N/A | N/A | <1 | |
| | | IC15 | >100 | N/A | N/A | <1 | |
| | | IC20 | >100 | N/A | N/A | <1 | |
| | | IC25 | >100 | N/A | N/A | <1 | |
| | | IC40 | >100 | N/A | N/A | <1 | |
| | | IC50 | >100 | N/A | N/A | <1 | |

Test Acceptability

| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|--------------|--------------|-----------|--------------|---------|----------------------|
| 03-0498-6778 | Cell Density | Control CV | 0.06228 | NL - 0.2 | Yes | Result Within Limits |
| 10-4457-8305 | Cell Density | Control CV | 0.06228 | NL - 0.2 | Yes | Result Within Limits |
| 03-0498-6778 | Cell Density | Control Resp | 1.24E+6 | 1.00E+6 - NL | Yes | Result Within Limits |
| 10-4457-8305 | Cell Density | Control Resp | 1.24E+6 | 1.00E+6 - NL | Yes | Result Within Limits |
| 03-0498-6778 | Cell Density | PMSD | 0.08902 | 0.091 - 0.29 | Yes | Result Below Limit |

Cell Density Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|----------|----------|----------|----------|----------|----------|----------|-------|---------|
| 0 | Negative Control | 4 | 1.239E+6 | 1.210E+6 | 1.267E+6 | 1.194E+6 | 1.354E+6 | 1.408E+4 | 7.713E+4 | 6.23% | 0.0% |
| 6.25 | | 4 | 1.252E+6 | 1.237E+6 | 1.267E+6 | 1.195E+6 | 1.287E+6 | 7.360E+3 | 4.031E+4 | 3.22% | -1.07% |
| 12.5 | | 4 | 1.443E+6 | 1.431E+6 | 1.455E+6 | 1.397E+6 | 1.466E+6 | 5.795E+3 | 3.174E+4 | 2.2% | -16.51% |
| 25 | | 4 | 1.588E+6 | 1.547E+6 | 1.629E+6 | 1.513E+6 | 1.750E+6 | 2.021E+4 | 1.107E+5 | 6.97% | -28.22% |
| 50 | | 4 | 1.560E+6 | 1.543E+6 | 1.576E+6 | 1.509E+6 | 1.606E+6 | 7.861E+3 | 4.305E+4 | 2.76% | -25.92% |
| 100 | | 4 | 1.380E+6 | 1.361E+6 | 1.399E+6 | 1.337E+6 | 1.452E+6 | 9.108E+3 | 4.989E+4 | 3.62% | -11.43% |

Cell Density Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|----------|----------|----------|----------|
| 0 | Negative Control | 1.354E+6 | 1.194E+6 | 1.205E+6 | 1.201E+6 |
| 6.25 | | 1.272E+6 | 1.195E+6 | 1.287E+6 | 1.253E+6 |
| 12.5 | | 1.466E+6 | 1.397E+6 | 1.447E+6 | 1.462E+6 |
| 25 | | 1.513E+6 | 1.750E+6 | 1.521E+6 | 1.568E+6 |
| 50 | | 1.582E+6 | 1.509E+6 | 1.541E+6 | 1.606E+6 |
| 100 | | 1.452E+6 | 1.363E+6 | 1.368E+6 | 1.337E+6 |

CETIS Measurement Report

Report Date: 03 Nov-09 14:19 (p 1 of 2)
Test Code: 15-1154-5095/VCF1009151s

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|---------------------------|----------|------------------|
| Batch ID: | 06-7031-2983 | Test Type: | Cell Growth | Analyst: | |
| Start Date: | 14 Oct-09 14:03 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 18 Oct-09 14:00 | Species: | Selenastrum capricornutum | Brine: | Not Applicable |
| Duration: | 96h | Source: | Aquatic Biosystems, CO | Age: | |
| Sample ID: | 04-9315-3473 | Code: | VCF1009151s | Client: | VCWPD |
| Sample Date: | 13 Oct-09 23:15 | Material: | Sample Water | Project: | Event 1 |
| Receive Date: | 14 Oct-09 10:40 | Source: | Bioassay Report | | |
| Sample Age: | 15h (5.8 °C) | Station: | Ventura-1 | | |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 1 | 68 | | | 68 | 68 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 1 | 71 | | | 71 | 71 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 1 | 67 | | | 67 | 67 | 0 | 0 | 0.0% | 0 |
| 25 | | 1 | 60 | | | 60 | 60 | 0 | 0 | 0.0% | 0 |
| 50 | | 1 | 54 | | | 54 | 54 | 0 | 0 | 0.0% | 0 |
| 100 | | 1 | 42 | | | 42 | 42 | 0 | 0 | 0.0% | 0 |
| Overall | | 6 | 60.33 | | | 42 | 71 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 5 | 422.2 | 421 | 423.4 | 419 | 427 | 0.594 | 3.564 | 0.84% | 0 |
| 6.25 | | 5 | 412.4 | 410.3 | 414.5 | 406 | 420 | 1.031 | 6.189 | 1.5% | 0 |
| 12.5 | | 5 | 391.6 | 384.8 | 398.4 | 356 | 406 | 3.359 | 20.16 | 5.15% | 0 |
| 25 | | 5 | 383.6 | 382.3 | 384.9 | 379 | 388 | 0.6519 | 3.912 | 1.02% | 0 |
| 50 | | 5 | 331.4 | 328.1 | 334.7 | 322 | 347 | 1.61 | 9.659 | 2.92% | 0 |
| 100 | | 5 | 266 | 255.4 | 276.6 | 238 | 300 | 5.207 | 31.24 | 11.74% | 0 |
| Overall | | 30 | 367.9 | | | 238 | 427 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 1 | 99 | | | 99 | 99 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 1 | 138 | | | 138 | 138 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 1 | 143 | | | 143 | 143 | 0 | 0 | 0.0% | 0 |
| 25 | | 1 | 124 | | | 124 | 124 | 0 | 0 | 0.0% | 0 |
| 50 | | 1 | 112 | | | 112 | 112 | 0 | 0 | 0.0% | 0 |
| 100 | | 1 | 85 | | | 85 | 85 | 0 | 0 | 0.0% | 0 |
| Overall | | 6 | 116.8 | | | 85 | 143 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 5 | 7.74 | 7.71 | 7.77 | 7.6 | 7.8 | 0.01491 | 0.08945 | 1.16% | 0 |
| 6.25 | | 5 | 7.72 | 7.676 | 7.764 | 7.5 | 7.8 | 0.02173 | 0.1304 | 1.69% | 0 |
| 12.5 | | 5 | 7.72 | 7.676 | 7.764 | 7.5 | 7.8 | 0.02173 | 0.1304 | 1.69% | 0 |
| 25 | | 5 | 7.7 | 7.659 | 7.741 | 7.5 | 7.8 | 0.02041 | 0.1225 | 1.59% | 0 |
| 50 | | 5 | 7.68 | 7.63 | 7.73 | 7.5 | 7.9 | 0.02472 | 0.1483 | 1.93% | 0 |
| 100 | | 5 | 7.62 | 7.564 | 7.676 | 7.5 | 7.9 | 0.02739 | 0.1643 | 2.16% | 0 |
| Overall | | 30 | 7.697 | | | 7.5 | 7.9 | | | | 0 (0%) |

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|------|------|---------|---------|------|----------|
| 0 | Negative Contr | 5 | 24.88 | 24.8 | 24.96 | 24.5 | 25.1 | 0.0415 | 0.249 | 1.0% | 0 |
| 6.25 | | 5 | 24.88 | 24.8 | 24.96 | 24.5 | 25.1 | 0.0415 | 0.249 | 1.0% | 0 |
| 12.5 | | 5 | 24.88 | 24.8 | 24.96 | 24.5 | 25.1 | 0.0415 | 0.249 | 1.0% | 0 |
| 25 | | 5 | 24.88 | 24.8 | 24.96 | 24.5 | 25.1 | 0.0415 | 0.249 | 1.0% | 0 |
| 50 | | 5 | 24.88 | 24.8 | 24.96 | 24.5 | 25.1 | 0.0415 | 0.249 | 1.0% | 0 |
| 100 | | 5 | 24.88 | 24.8 | 24.96 | 24.5 | 25.1 | 0.0415 | 0.249 | 1.0% | 0 |
| Overall | | 30 | 24.88 | | | 24.5 | 25.1 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 03 Nov-09 14:19 (p 2 of 2)

Test Code: 15-1154-5095/VCF1009151s

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Alkalinity (CaCO₃)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|----|---|---|---|---|
| 0 | Negative Contr | 68 | | | | |
| 6.25 | | 71 | | | | |
| 12.5 | | 67 | | | | |
| 25 | | 60 | | | | |
| 50 | | 54 | | | | |
| 100 | | 42 | | | | |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 427 | 419 | 420 | 420 | 425 |
| 6.25 | | 415 | 406 | 406 | 415 | 420 |
| 12.5 | | 406 | 399 | 399 | 398 | 356 |
| 25 | | 386 | 379 | 380 | 385 | 388 |
| 50 | | 347 | 331 | 332 | 322 | 325 |
| 100 | | 248 | 238 | 244 | 300 | 300 |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|---|---|---|---|---|
| 0 | Negative Contr | | | | | |
| 6.25 | | | | | | |
| 12.5 | | | | | | |
| 25 | | | | | | |
| 50 | | | | | | |
| 100 | | | | | | |

Hardness (CaCO₃)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|---|---|---|---|
| 0 | Negative Contr | 99 | | | | |
| 6.25 | | 138 | | | | |
| 12.5 | | 143 | | | | |
| 25 | | 124 | | | | |
| 50 | | 112 | | | | |
| 100 | | 85 | | | | |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 7.7 | 7.6 | 7.8 | 7.8 | 7.8 |
| 6.25 | | 7.8 | 7.7 | 7.5 | 7.8 | 7.8 |
| 12.5 | | 7.8 | 7.8 | 7.5 | 7.7 | 7.8 |
| 25 | | 7.8 | 7.7 | 7.5 | 7.7 | 7.8 |
| 50 | | 7.9 | 7.7 | 7.6 | 7.5 | 7.7 |
| 100 | | 7.9 | 7.5 | 7.6 | 7.5 | 7.6 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|------|------|------|------|------|
| 0 | Negative Contr | 24.9 | 24.8 | 24.5 | 25.1 | 25.1 |
| 6.25 | | 24.9 | 24.8 | 24.5 | 25.1 | 25.1 |
| 12.5 | | 24.9 | 24.8 | 24.5 | 25.1 | 25.1 |
| 25 | | 24.9 | 24.8 | 24.5 | 25.1 | 25.1 |
| 50 | | 24.9 | 24.8 | 24.5 | 25.1 | 25.1 |
| 100 | | 24.9 | 24.8 | 24.5 | 25.1 | 25.1 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC CERIODAPHNIA SURVIVAL AND REPRODUCTION BIOASSAY

DATE: 15 October - 09

STANDARD TOXICANT: Copper Chloride

ENDPOINT: SURVIVAL

NOEC = 10.00 ug/l

IC25 = 8.13 ug/l

IC50 = 11.67 ug/l

ENDPOINT: REPRODUCTION

NOEC = 3.00 ug/l

IC25 = 4.06 ug/l

IC50 = 5.25 ug/l

Yours very truly,

For: Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 09:45 (p 1 of 2)
Test Code: 05-2593-7774/CER101509

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Batch ID: 21-1069-4747
Start Date: 15 Oct-09 15:05
Ending Date: 22 Oct-09 15:00
Duration: 7d
Test Type: Reproduction-Survival (7d)
Protocol: EPA/821/R-02-013 (2002)
Species: Ceriodaphnia dubia
Source: In-House Culture

Analyst:
Diluent: Laboratory Water
Brine: Not Applicable
Age: <24h

Sample ID: 18-2190-6892
Sample Date: 15 Oct-09 15:05
Receive Date: 15 Oct-09 15:00
Sample Age: N/A
Code: CER101509
Material: Copper chloride
Source: Reference Toxicant
Station:

Client: Internal Lab
Project:

Comparison Summary

| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
|--------------|------------------|------|------|-------|--------|----|-----------------------------------|
| 14-5709-6553 | 7d Survival Rate | 10 | 20 | 14.14 | N/A | | Fisher Exact/Bonferroni-Holm Test |
| 19-7091-3290 | Reproduction | 3 | 5 | 3.873 | 15.85% | | Steel Many-One Rank Test |

Point Estimate Summary

| Analysis ID | Endpoint | Level | µg/L | 95% LCL | 95% UCL | TU | Method |
|--------------|------------------|-------|-------|---------|---------|----|------------------------------|
| 14-5933-0447 | 7d Survival Rate | EC5 | 5.625 | 5.357 | 7.5 | | Linear Interpolation (ICPIN) |
| | | EC10 | 6.25 | 5.714 | 10 | | |
| | | EC15 | 6.875 | 6.071 | 10.56 | | |
| | | EC20 | 7.5 | 6.429 | 11.11 | | |
| | | EC25 | 8.125 | 6.786 | 11.67 | | |
| | | EC40 | 10 | 7.857 | 13.33 | | |
| | | EC50 | 11.67 | 8.571 | 14.44 | | |
| 18-7404-3926 | Reproduction | IC5 | 3.211 | 1.967 | 3.288 | | Linear Interpolation (ICPIN) |
| | | IC10 | 3.423 | 3.095 | 3.617 | | |
| | | IC15 | 3.634 | 3.279 | 3.948 | | |
| | | IC20 | 3.845 | 3.501 | 4.264 | | |
| | | IC25 | 4.057 | 3.679 | 4.58 | | |
| | | IC40 | 4.691 | 4.226 | 5.611 | | |
| | | IC50 | 5.254 | 4.566 | 6.343 | | |

Test Acceptability

| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|------------------|--------------|-----------|-------------|---------|----------------------|
| 14-5709-6553 | 7d Survival Rate | Control Resp | 1 | 0.8 - NL | Yes | Result Within Limits |
| 14-5933-0447 | 7d Survival Rate | Control Resp | 1 | 0.8 - NL | Yes | Result Within Limits |
| 18-7404-3926 | Reproduction | Control Resp | 22.4 | 15 - NL | Yes | Result Within Limits |
| 19-7091-3290 | Reproduction | Control Resp | 22.4 | 15 - NL | Yes | Result Within Limits |
| 19-7091-3290 | Reproduction | PMSD | 0.1585 | 0.13 - 0.47 | Yes | Result Within Limits |

7d Survival Rate Summary

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|-----------|------------------|-------|------|---------|---------|-----|-----|---------|---------|--------|--------|
| 0 | Negative Control | 10 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 3 | | 10 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 5 | | 10 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 10 | | 10 | 0.6 | 0.4072 | 0.7928 | 0 | 1 | 0.09428 | 0.5164 | 86.07% | 40.0% |
| 20 | | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100.0% |
| 30 | | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100.0% |

Reproduction Summary

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|-----------|------------------|-------|------|---------|---------|-----|-----|---------|---------|--------|--------|
| 0 | Negative Control | 10 | 22.4 | 21.47 | 23.33 | 17 | 25 | 0.457 | 2.503 | 11.18% | 0.0% |
| 3 | | 10 | 22.4 | 21.67 | 23.13 | 19 | 25 | 0.3569 | 1.955 | 8.73% | 0.0% |
| 5 | | 10 | 11.8 | 9.52 | 14.08 | 3 | 24 | 1.115 | 6.106 | 51.75% | 47.32% |
| 10 | | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100.0% |
| 20 | | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100.0% |
| 30 | | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100.0% |

CETIS Summary Report

Report Date: 03 Nov-09 09:45 (p 2 of 2)
Test Code: 05-2593-7774/CER101509

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

7d Survival Rate Detail

| Conc-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|-----------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 5 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 10 | | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| 20 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Reproduction Detail

| Conc-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|-----------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 22 | 24 | 25 | 25 | 23 | 17 | 24 | 23 | 21 | 20 |
| 3 | | 19 | 21 | 23 | 25 | 24 | 21 | 23 | 22 | 25 | 21 |
| 5 | | 16 | 10 | 12 | 13 | 24 | 16 | 7 | 12 | 3 | 5 |
| 10 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

CETIS Measurement Report

Report Date: 03 Nov-09 09:45 (p 1 of 3)
Test Code: 05-2593-7774/CER101509

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|----------------------------|----------|------------------|
| Batch ID: | 21-1069-4747 | Test Type: | Reproduction-Survival (7d) | Analyst: | |
| Start Date: | 15 Oct-09 15:05 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 22 Oct-09 15:00 | Species: | Ceriodaphnia dubia | Brine: | Not Applicable |
| Duration: | 7d | Source: | In-House Culture | Age: | <24h |
| Sample ID: | 18-2190-6892 | Code: | CER101509 | Client: | Internal Lab |
| Sample Date: | 15 Oct-09 15:05 | Material: | Copper chloride | Project: | |
| Receive Date: | 15 Oct-09 15:00 | Source: | Reference Toxicant | | |
| Sample Age: | N/A | Station: | | | |

Alkalinity (CaCO3)-mg/L

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 61.13 | 60.6 | 61.65 | 60 | 63 | 0.2588 | 1.553 | 2.54% | 0 |
| 30 | | 8 | 60 | 60 | 60 | 60 | 60 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 60.56 | | | 60 | 63 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 350 | 346.7 | 353.3 | 335 | 359 | 1.616 | 9.695 | 2.77% | 0 |
| 3 | | 8 | 352.9 | 349.2 | 356.5 | 336 | 365 | 1.798 | 10.79 | 3.06% | 0 |
| 5 | | 8 | 340.8 | 337.9 | 343.6 | 332 | 355 | 1.397 | 8.379 | 2.46% | 0 |
| 10 | | 8 | 334.6 | 333.5 | 335.7 | 328 | 340 | 0.5414 | 3.249 | 0.97% | 0 |
| 20 | | 4 | 335 | 334.2 | 335.8 | 332 | 338 | 0.4082 | 2.449 | 0.73% | 0 |
| 30 | | 4 | 327.5 | 322.7 | 332.3 | 307 | 338 | 2.343 | 14.06 | 4.29% | 0 |
| Overall | | 40 | 340.1 | | | 307 | 365 | | | | 0 (0%) |

Dissolved Oxygen-mg/L

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 7.438 | 7.22 | 7.655 | 5.9 | 7.9 | 0.1073 | 0.6435 | 8.65% | 0 |
| 3 | | 8 | 7.425 | 7.249 | 7.601 | 6.3 | 8.1 | 0.08672 | 0.5203 | 7.01% | 0 |
| 5 | | 8 | 7.475 | 7.286 | 7.664 | 6.3 | 8.1 | 0.0929 | 0.5574 | 7.46% | 0 |
| 10 | | 8 | 7.475 | 7.284 | 7.666 | 6.3 | 8 | 0.09418 | 0.5651 | 7.56% | 0 |
| 20 | | 3 | 7.3 | 7.005 | 7.595 | 6.3 | 7.9 | 0.1453 | 0.8718 | 11.94% | 0 |
| 30 | | 3 | 7.333 | 7.026 | 7.64 | 6.3 | 8 | 0.1512 | 0.9074 | 12.37% | 0 |
| Overall | | 38 | 7.408 | | | 5.9 | 8.1 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 89.25 | 86.8 | 91.7 | 84 | 98 | 1.208 | 7.246 | 8.12% | 0 |
| 30 | | 8 | 112 | 112 | 112 | 112 | 112 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 100.6 | | | 84 | 112 | | | | 0 (0%) |

Total Ammonia (N)-mg/L

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|------|---------|---------|-----|-----|---------|---------|-----|----------|
| 0 | Negative Contr | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| 3 | | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| 5 | | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| 10 | | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| 20 | | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| 30 | | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| Overall | | 6 | 0 | | | 0 | 0 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 03 Nov-09 09:45 (p 2 of 3)
 Test Code: 05-2593-7774/CER101509

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

pH-Units

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|-----|-----|----------|---------|-------|----------|
| 0 | Negative Contr | 8 | 7.938 | 7.907 | 7.968 | 7.8 | 8.1 | 0.01527 | 0.09161 | 1.15% | 0 |
| 3 | | 8 | 7.988 | 7.938 | 8.037 | 7.8 | 8.2 | 0.0243 | 0.1458 | 1.83% | 0 |
| 5 | | 8 | 8 | 7.974 | 8.026 | 7.9 | 8.1 | 0.0126 | 0.07559 | 0.94% | 0 |
| 10 | | 8 | 7.988 | 7.966 | 8.009 | 7.9 | 8.1 | 0.01068 | 0.06409 | 0.8% | 0 |
| 20 | | 3 | 8.033 | 8.014 | 8.053 | 8 | 8.1 | 0.009624 | 0.05774 | 0.72% | 0 |
| 30 | | 3 | 8 | 8 | 8 | 8 | 8 | 0 | 0 | 0.0% | 0 |
| Overall | | 38 | 7.991 | | | 7.8 | 8.2 | | | | 0 (0%) |

Temperature-°C

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|------|------|----------|---------|-------|----------|
| 0 | Negative Contr | 8 | 24.55 | 24.51 | 24.59 | 24.5 | 24.8 | 0.01782 | 0.1069 | 0.44% | 0 |
| 3 | | 8 | 24.55 | 24.52 | 24.58 | 24.5 | 24.7 | 0.0126 | 0.07561 | 0.31% | 0 |
| 5 | | 8 | 24.55 | 24.52 | 24.58 | 24.5 | 24.7 | 0.0126 | 0.07561 | 0.31% | 0 |
| 10 | | 8 | 24.58 | 24.54 | 24.61 | 24.5 | 24.8 | 0.01726 | 0.1036 | 0.42% | 0 |
| 20 | | 3 | 24.53 | 24.51 | 24.55 | 24.5 | 24.6 | 0.009634 | 0.0578 | 0.24% | 0 |
| 30 | | 3 | 24.53 | 24.51 | 24.55 | 24.5 | 24.6 | 0.009634 | 0.0578 | 0.24% | 0 |
| Overall | | 38 | 24.55 | | | 24.5 | 24.8 | | | | 0 (0%) |




CETIS Measurement Report

Report Date: 03 Nov-09 09:45 (p 3 of 3)
Test Code: 05-2593-7774/CER101509

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Alkalinity (CaCO₃)-mg/L

| Conc-µg/L | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-----------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 63 | 63 | 63 | 60 | 60 | 60 | 60 | 60 |
| 30 | | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |

Conductivity-µmhos

| Conc-µg/L | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-----------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 354 | 356 | 355 | 359 | 335 | 357 | 335 | 349 |
| 3 | | 336 | 352 | 355 | 359 | 359 | 360 | 365 | 337 |
| 5 | | 332 | 335 | 335 | 335 | 338 | 348 | 355 | 348 |
| 10 | | 334 | 335 | 335 | 335 | 335 | 335 | 340 | 328 |
| 20 | | 332 | 335 | 335 | 338 | | | | |
| 30 | | 330 | 335 | 338 | 307 | | | | |

Dissolved Oxygen-mg/L

| Conc-µg/L | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-----------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 5.9 | 7.6 | 7.5 | 7.9 | 7.5 | 7.5 | 7.7 | 7.9 |
| 3 | | 6.3 | 7.5 | 7.5 | 7.8 | 7.5 | 7.3 | 7.4 | 8.1 |
| 5 | | 6.3 | 7.9 | 7.7 | 7.7 | 7.6 | 7.2 | 7.3 | 8.1 |
| 10 | | 6.3 | 8 | 7.7 | 7.7 | 7.7 | 7.2 | 7.2 | 8 |
| 20 | | 6.3 | 7.9 | 7.7 | | | | | |
| 30 | | 6.3 | 8 | 7.7 | | | | | |

Hardness (CaCO₃)-mg/L

| Conc-µg/L | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-----------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 98 | 98 | 98 | 84 | 84 | 84 | 84 | 84 |
| 30 | | 112 | 112 | 112 | 112 | 112 | 112 | 112 | 112 |

Total Ammonia (N)-mg/L

| Conc-µg/L | Control Type | 1 |
|-----------|----------------|---|
| 0 | Negative Contr | 0 |
| 3 | | 0 |
| 5 | | 0 |
| 10 | | 0 |
| 20 | | 0 |
| 30 | | 0 |

pH-Units

| Conc-µg/L | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-----------|----------------|-----|-----|-----|-----|-----|-----|-----|---|
| 0 | Negative Contr | 8.1 | 7.9 | 7.9 | 7.9 | 8 | 7.8 | 7.9 | 8 |
| 3 | | 8.2 | 8.2 | 8 | 7.9 | 7.9 | 7.8 | 7.9 | 8 |
| 5 | | 8.1 | 8.1 | 8 | 8 | 8 | 7.9 | 7.9 | 8 |
| 10 | | 8.1 | 8 | 8 | 8 | 8 | 7.9 | 7.9 | 8 |
| 20 | | 8.1 | 8 | 8 | | | | | |
| 30 | | 8 | 8 | 8 | | | | | |

Temperature-°C

| Conc-µg/L | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-----------|----------------|------|------|------|------|------|------|------|------|
| 0 | Negative Contr | 24.8 | 24.5 | 24.5 | 24.5 | 24.5 | 24.5 | 24.5 | 24.6 |
| 3 | | 24.5 | 24.6 | 24.5 | 24.5 | 24.5 | 24.5 | 24.7 | 24.6 |
| 5 | | 24.5 | 24.6 | 24.5 | 24.5 | 24.5 | 24.5 | 24.7 | 24.6 |
| 10 | | 24.5 | 24.6 | 24.5 | 24.5 | 24.5 | 24.8 | 24.6 | 24.6 |
| 20 | | 24.5 | 24.6 | 24.5 | | | | | |
| 30 | | 24.5 | 24.6 | 24.5 | | | | | |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC FATHEAD MINNOW SURVIVAL AND GROWTH BIOASSAY

DATE: 15 October 2009

STANDARD TOXICANT: Copper Chloride

ENDPOINT: SURVIVAL

NOEC = 19.00 ug/l

IC25 = 25.82 ug/l

IC50 = 37.59 ug/l

ENDPOINT: GROWTH

NOEC = <10.00 ug/l

IC25 = 3.19 ug/l

IC50 = 6.37 ug/l

Yours very truly,

For: Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 15:52 (p 1 of 2)
Test Code: 17-6752-4700/FML101509

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|-----------------------------------|---------------------------|
| Batch ID: 07-5523-9121 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 15 Oct-09 16:10 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 22 Oct-09 16:30 | Species: Pimephales promelas | Brine: Not Applicable |
| Duration: 7d 0h | Source: Aquatic Biosystems, CO | Age: 7d |
| Sample ID: 09-9736-5798 | Code: FML101509 | Client: Internal Lab |
| Sample Date: 15 Oct-09 16:10 | Material: Copper chloride | Project: |
| Receive Date: 15 Oct-09 16:10 | Source: Reference Toxicant | |
| Sample Age: N/A | Station: | |

Comparison Summary

| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
|--------------|---------------------|------|------|-------|--------|----|------------------------------------|
| 01-6400-4786 | 7d Survival Rate | 19 | 38 | 26.87 | 20.76% | | Dunnett's Multiple Comparison Test |
| 07-7345-6568 | Mean Dry Biomass-mg | <10 | 10 | N/A | 4.9% | | Dunnett's Multiple Comparison Test |

Point Estimate Summary

| Analysis ID | Endpoint | Level | µg/L | 95% LCL | 95% UCL | TU | Method |
|--------------|---------------------|-------|--------|---------|---------|----|------------------------------|
| 13-3751-9482 | 7d Survival Rate | EC5 | 14.28 | 10.5 | 25.05 | | Linear Interpolation (ICPIN) |
| | | EC10 | 18.55 | 11 | 25.86 | | |
| | | EC15 | 21.11 | 12.54 | 27.91 | | |
| | | EC20 | 23.46 | 14.19 | 30.76 | | |
| | | EC25 | 25.82 | 16.43 | 33.74 | | |
| | | EC40 | 32.88 | 25.27 | 44.88 | | |
| | | EC50 | 37.59 | 28.58 | 54.1 | | |
| 20-9622-4957 | 7d Survival Rate | EC5 | 14.28 | 10.34 | 25.38 | | Linear Interpolation (ICPIN) |
| | | EC10 | 18.55 | 10.68 | 26.36 | | |
| | | EC15 | 21.11 | 12.05 | 28.38 | | |
| | | EC20 | 23.46 | 13.54 | 31.19 | | |
| | | EC25 | 25.82 | 15.29 | 34.54 | | |
| | | EC40 | 32.88 | 25.16 | 45.51 | | |
| | | EC50 | 37.59 | 28.5 | 54.53 | | |
| 08-5943-9627 | Mean Dry Biomass-mg | IC5 | 0.6373 | 0.5977 | 0.6684 | | Linear Interpolation (ICPIN) |
| | | IC10 | 1.275 | 1.195 | 1.337 | | |
| | | IC15 | 1.912 | 1.793 | 2.005 | | |
| | | IC20 | 2.549 | 2.391 | 2.673 | | |
| | | IC25 | 3.187 | 2.988 | 3.342 | | |
| | | IC40 | 5.099 | 4.781 | 5.347 | | |
| | | IC50 | 6.373 | 5.977 | 6.684 | | |

Test Acceptability

| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|---------------------|--------------|-----------|------------|---------|----------------------|
| 01-6400-4786 | 7d Survival Rate | Control Resp | 0.9 | 0.8 - NL | Yes | Result Within Limits |
| 13-3751-9482 | 7d Survival Rate | Control Resp | 0.9 | 0.8 - NL | Yes | Result Within Limits |
| 20-9622-4957 | 7d Survival Rate | Control Resp | 0.9 | 0.8 - NL | Yes | Result Within Limits |
| 07-7345-6568 | Mean Dry Biomass-mg | Control Resp | 1.579 | 0.25 - NL | Yes | Result Within Limits |
| 08-5943-9627 | Mean Dry Biomass-mg | Control Resp | 1.579 | 0.25 - NL | Yes | Result Within Limits |
| 07-7345-6568 | Mean Dry Biomass-mg | PMSD | 0.04898 | 0.12 - 0.3 | Yes | Result Below Limit |

7d Survival Rate Summary

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|-----------|------------------|-------|--------|---------|---------|--------|--------|---------|---------|--------|---------|
| 0 | Negative Control | 4 | 0.9 | 0.8569 | 0.9431 | 0.7333 | 1 | 0.02108 | 0.1155 | 12.83% | 0.0% |
| 10 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | -11.11% |
| 19 | | 4 | 0.85 | 0.7987 | 0.9013 | 0.7333 | 1 | 0.02509 | 0.1374 | 16.17% | 5.56% |
| 38 | | 4 | 0.4667 | 0.3963 | 0.5371 | 0.2 | 0.6 | 0.03443 | 0.1886 | 40.41% | 48.15% |
| 75 | | 4 | 0.1 | 0.07511 | 0.1249 | 0 | 0.1333 | 0.01217 | 0.06667 | 66.67% | 88.89% |
| 100 | | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100.0% |

CETIS Summary Report

Report Date: 03 Nov-09 15:52 (p 2 of 2)
Test Code: 17-6752-4700/FML101509

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Mean Dry Biomass-mg Summary

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|-----------|------------------|-------|--------|----------|---------|---------|--------|----------|----------|--------|--------|
| 0 | Negative Control | 4 | 1.579 | 1.563 | 1.595 | 1.54 | 1.618 | 0.007879 | 0.04315 | 2.73% | 0.0% |
| 10 | | 4 | 0.3402 | 0.3225 | 0.3578 | 0.2727 | 0.3787 | 0.008639 | 0.04732 | 13.91% | 78.45% |
| 19 | | 4 | 0.2667 | 0.2443 | 0.289 | 0.1913 | 0.3267 | 0.01094 | 0.05994 | 22.48% | 83.11% |
| 38 | | 4 | 0.0845 | 0.064 | 0.105 | 0.04534 | 0.164 | 0.01002 | 0.0549 | 64.96% | 94.65% |
| 75 | | 4 | 0.0115 | 0.008546 | 0.01446 | 0 | 0.018 | 0.001445 | 0.007914 | 68.81% | 99.27% |
| 100 | | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100.0% |

7d Survival Rate Detail

| Conc-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|-----------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 1 | 0.9333 | 0.9333 | 0.7333 |
| 10 | | 1 | 1 | 1 | 1 |
| 19 | | 0.7333 | 0.9333 | 1 | 0.7333 |
| 38 | | 0.6 | 0.2 | 0.4667 | 0.6 |
| 75 | | 0.1333 | 0.1333 | 0.1333 | 0 |
| 100 | | 0 | 0 | 0 | 0 |

Mean Dry Biomass-mg Detail

| Conc-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|-----------|------------------|-------|---------|---------|--------|
| 0 | Negative Control | 1.618 | 1.543 | 1.614 | 1.54 |
| 10 | | 0.366 | 0.2727 | 0.3787 | 0.3433 |
| 19 | | 0.248 | 0.3007 | 0.3267 | 0.1913 |
| 38 | | 0.078 | 0.05067 | 0.04534 | 0.164 |
| 75 | | 0.018 | 0.01466 | 0.01334 | 0 |
| 100 | | 0 | 0 | 0 | 0 |

CETIS Measurement Report

Report Date: 03 Nov-09 15:52 (p 1 of 2)

Test Code: 17-6752-4700/FML101509

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Batch ID: 07-5523-9121
 Start Date: 15 Oct-09 16:10
 Ending Date: 22 Oct-09 16:30
 Duration: 7d 0h
 Test Type: Growth-Survival (7d)
 Protocol: EPA/821/R-02-013 (2002)
 Species: Pimephales promelas
 Source: Aquatic Biosystems, CO

Analyst:
 Diluent: Laboratory Water
 Brine: Not Applicable
 Age: 7d

Sample ID: 09-9736-5798
 Sample Date: 15 Oct-09 16:10
 Receive Date: 15 Oct-09 16:10
 Sample Age: N/A
 Code: FML101509
 Material: Copper chloride
 Source: Reference Toxicant
 Station:

Client: Internal Lab
 Project:

Alkalinity (CaCO3)-mg/L

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 61.13 | 60.6 | 61.65 | 60 | 63 | 0.2588 | 1.553 | 2.54% | 0 |
| 100 | | 8 | 56 | 56 | 56 | 56 | 56 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 58.56 | | | 56 | 63 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 350 | 346.7 | 353.3 | 335 | 359 | 1.616 | 9.695 | 2.77% | 0 |
| 10 | | 8 | 342.9 | 340.4 | 345.3 | 334 | 353 | 1.21 | 7.259 | 2.12% | 0 |
| 19 | | 8 | 338.6 | 330.9 | 346.3 | 312 | 390 | 3.804 | 22.82 | 6.74% | 0 |
| 38 | | 8 | 333.5 | 331.1 | 335.9 | 322 | 340 | 1.192 | 7.151 | 2.14% | 0 |
| 75 | | 8 | 341.8 | 337.4 | 346.1 | 322 | 360 | 2.119 | 12.71 | 3.72% | 0 |
| 100 | | 8 | 341.9 | 337.9 | 345.8 | 323 | 359 | 1.957 | 11.74 | 3.43% | 0 |
| Overall | | 48 | 341.4 | | | 312 | 390 | | | | 0 (0%) |

Dissolved Oxygen-mg/L

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 7.475 | 7.253 | 7.697 | 5.9 | 7.9 | 0.1094 | 0.6563 | 8.78% | 0 |
| 10 | | 8 | 7.438 | 7.224 | 7.651 | 6 | 8 | 0.1054 | 0.6323 | 8.5% | 0 |
| 19 | | 8 | 7.288 | 7.081 | 7.494 | 6.1 | 7.8 | 0.1017 | 0.6105 | 8.38% | 0 |
| 38 | | 8 | 7.45 | 7.234 | 7.666 | 6 | 8 | 0.1062 | 0.637 | 8.55% | 0 |
| 75 | | 8 | 7.413 | 7.211 | 7.614 | 6.1 | 8 | 0.09938 | 0.5963 | 8.04% | 0 |
| 100 | | 8 | 7.35 | 7.153 | 7.547 | 6.1 | 7.8 | 0.09718 | 0.5831 | 7.93% | 0 |
| Overall | | 48 | 7.402 | | | 5.9 | 8 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 89.25 | 86.8 | 91.7 | 84 | 98 | 1.208 | 7.246 | 8.12% | 0 |
| 100 | | 8 | 107 | 107 | 107 | 107 | 107 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 98.13 | | | 84 | 107 | | | | 0 (0%) |

pH-Units

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 7.925 | 7.895 | 7.955 | 7.8 | 8.1 | 0.01477 | 0.08864 | 1.12% | 0 |
| 10 | | 8 | 8.013 | 7.937 | 8.088 | 7.9 | 8.5 | 0.0372 | 0.2232 | 2.79% | 0 |
| 19 | | 8 | 8.013 | 7.941 | 8.084 | 7.9 | 8.5 | 0.035 | 0.21 | 2.62% | 0 |
| 38 | | 8 | 8 | 7.969 | 8.031 | 7.9 | 8.1 | 0.01543 | 0.09258 | 1.16% | 0 |
| 75 | | 8 | 7.975 | 7.94 | 8.01 | 7.9 | 8.2 | 0.01725 | 0.1035 | 1.3% | 0 |
| 100 | | 8 | 7.975 | 7.94 | 8.01 | 7.9 | 8.2 | 0.01725 | 0.1035 | 1.3% | 0 |
| Overall | | 48 | 7.983 | | | 7.8 | 8.5 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 03 Nov-09 15:52 (p 2 of 2)
Test Code: 17-6752-4700/FML101509

Fathead Minnow 7-d Larval Survival and Growth Test Aquatic Bioassay & Consulting Labs, Inc.

| Temperature-°C | | | | | | | | | | | |
|----------------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 8 | 24.75 | 24.65 | 24.85 | 24.3 | 25.1 | 0.04714 | 0.2829 | 1.14% | 0 |
| 10 | | 8 | 24.65 | 24.53 | 24.77 | 24.3 | 25.1 | 0.05976 | 0.3586 | 1.46% | 0 |
| 19 | | 8 | 24.65 | 24.54 | 24.76 | 24.3 | 25.1 | 0.05492 | 0.3295 | 1.34% | 0 |
| 38 | | 8 | 24.24 | 24.12 | 24.36 | 24 | 24.9 | 0.05905 | 0.3543 | 1.46% | 0 |
| 75 | | 8 | 24.64 | 24.52 | 24.76 | 24.2 | 25.1 | 0.05838 | 0.3503 | 1.42% | 0 |
| 100 | | 8 | 24.64 | 24.52 | 24.76 | 24.2 | 25.1 | 0.05838 | 0.3503 | 1.42% | 0 |
| Overall | | 48 | 24.59 | | | 24 | 25.1 | | | | 0 (0%) |

| Alkalinity (CaCO3)-mg/L | | | | | | | | | | |
|-------------------------|----------------|----|----|----|----|----|----|----|----|--|
| Conc-µg/L | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 0 | Negative Contr | 63 | 63 | 63 | 60 | 60 | 60 | 60 | 60 | |
| 100 | | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | |

| Conductivity-µmhos | | | | | | | | | | |
|--------------------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Conc-µg/L | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 0 | Negative Contr | 354 | 356 | 355 | 359 | 335 | 357 | 335 | 349 | |
| 10 | | 353 | 336 | 345 | 348 | 348 | 334 | 334 | 345 | |
| 19 | | 337 | 335 | 390 | 312 | 345 | 327 | 330 | 333 | |
| 38 | | 337 | 335 | 340 | 340 | 340 | 327 | 327 | 322 | |
| 75 | | 336 | 336 | 340 | 340 | 340 | 360 | 360 | 322 | |
| 100 | | 337 | 337 | 340 | 341 | 340 | 358 | 359 | 323 | |

| Dissolved Oxygen-mg/L | | | | | | | | | | |
|-----------------------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Conc-µg/L | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 0 | Negative Contr | 5.9 | 7.6 | 7.8 | 7.9 | 7.5 | 7.5 | 7.7 | 7.9 | |
| 10 | | 6 | 7.8 | 7.8 | 7.8 | 7.4 | 7.4 | 7.3 | 8 | |
| 19 | | 6.1 | 7.8 | 7.8 | 7.8 | 6.7 | 7.4 | 7.5 | 7.2 | |
| 38 | | 6 | 7.8 | 7.8 | 7.8 | 7.5 | 7.5 | 7.2 | 8 | |
| 75 | | 6.1 | 7.8 | 7.7 | 7.7 | 7.5 | 7.4 | 7.1 | 8 | |
| 100 | | 6.1 | 7.8 | 7.8 | 7.8 | 7.5 | 7.6 | 7.1 | 7.1 | |

| Hardness (CaCO3)-mg/L | | | | | | | | | | |
|-----------------------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Conc-µg/L | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 0 | Negative Contr | 98 | 98 | 98 | 84 | 84 | 84 | 84 | 84 | |
| 100 | | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | |

| pH-Units | | | | | | | | | | |
|-----------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Conc-µg/L | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 0 | Negative Contr | 8.1 | 7.9 | 7.9 | 7.9 | 7.9 | 8 | 7.8 | 7.9 | |
| 10 | | 8.2 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 8.5 | |
| 19 | | 8.1 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 8 | 8.5 | |
| 38 | | 8.1 | 7.9 | 7.9 | 7.9 | 8 | 8 | 8.1 | 8.1 | |
| 75 | | 8 | 7.9 | 7.9 | 7.9 | 7.9 | 8 | 8 | 8.2 | |
| 100 | | 8 | 7.9 | 7.9 | 7.9 | 7.9 | 8 | 8 | 8.2 | |

| Temperature-°C | | | | | | | | | | |
|----------------|----------------|------|------|------|------|------|------|------|------|--|
| Conc-µg/L | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 0 | Negative Contr | 24.8 | 25 | 24.9 | 24.5 | 24.9 | 24.5 | 24.3 | 25.1 | |
| 10 | | 24.6 | 25.1 | 24.3 | 24.4 | 25 | 24.4 | 24.3 | 25.1 | |
| 19 | | 24.6 | 25 | 24.3 | 24.4 | 25 | 24.4 | 24.4 | 25.1 | |
| 38 | | 24.6 | 24.9 | 24.4 | 24 | 24 | 24 | 24 | 24 | |
| 75 | | 24.6 | 24.9 | 24.4 | 24.4 | 25.1 | 24.4 | 24.2 | 25.1 | |
| 100 | | 24.6 | 24.9 | 24.4 | 24.4 | 25.1 | 24.4 | 24.2 | 25.1 | |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC SELENASTRUM GROWTH BIOASSAY

DATE: 1 October- 09

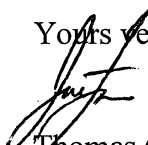
STANDARD TOXICANT: Cadmium Chloride

NOEC = 20.00 ug/l

IC25 = 45.17 ug/l

IC50 = 67.86 ug/l

Yours very truly,


for: Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 09:07 (p 1 of 1)
Test Code: 16-5260-5177/SEL100109

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|------------------------------------|---------------------------|
| Batch ID: 06-8395-3416 | Test Type: Cell Growth | Analyst: |
| Start Date: 01 Oct-09 15:30 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 05 Oct-09 13:30 | Species: Selenastrum capricornutum | Brine: Not Applicable |
| Duration: 94h | Source: Aquatic Biosystems, CO | Age: |
| Sample ID: 19-5691-0774 | Code: SEL100109 | Client: Internal Lab |
| Sample Date: 01 Oct-09 15:30 | Material: Cadmium chloride | Project: |
| Receive Date: 01 Oct-09 15:30 | Source: Reference Toxicant | |
| Sample Age: N/A | Station: | |

Comparison Summary

| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
|--------------|--------------|------|------|-------|-------|----|------------------------------------|
| 02-4255-5323 | Cell Density | 20 | 40 | 28.28 | 8.06% | | Dunnett's Multiple Comparison Test |

Point Estimate Summary

| Analysis ID | Endpoint | Level | µg/L | 95% LCL | 95% UCL | TU | Method |
|--------------|--------------|-------|-------|---------|---------|----|------------------------------|
| 20-4256-2987 | Cell Density | IC5 | 20.99 | 12.4 | 27.34 | | Linear Interpolation (ICPIN) |
| | | IC10 | 27.63 | 20.76 | 33.97 | | |
| | | IC15 | 34.28 | 27.38 | 43.41 | | |
| | | IC20 | 40.63 | 33.26 | 46.11 | | |
| | | IC25 | 45.17 | 39.42 | 50.07 | | |
| | | IC40 | 58.79 | 54.53 | 62.32 | | |
| | | IC50 | 67.86 | 64.27 | 71.11 | | |

Test Acceptability

| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|--------------|--------------|-----------|--------------|---------|----------------------|
| 02-4255-5323 | Cell Density | Control CV | 0.03615 | NL - 0.2 | Yes | Result Within Limits |
| 20-4256-2987 | Cell Density | Control CV | 0.03615 | NL - 0.2 | Yes | Result Within Limits |
| 02-4255-5323 | Cell Density | Control Resp | 1.07E+6 | 1.00E+6 - NL | Yes | Result Within Limits |
| 20-4256-2987 | Cell Density | Control Resp | 1.07E+6 | 1.00E+6 - NL | Yes | Result Within Limits |
| 02-4255-5323 | Cell Density | PMSD | 0.0806 | 0.091 - 0.29 | Yes | Result Below Limit |

Cell Density Summary

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|-----------|------------------|-------|----------|----------|----------|----------|----------|----------|----------|-------|--------|
| 0 | Negative Control | 4 | 1.066E+6 | 1.052E+6 | 1.080E+6 | 1.033E+6 | 1.118E+6 | 7.035E+3 | 3.853E+4 | 3.62% | 0.0% |
| 5 | | 4 | 1.158E+6 | 1.132E+6 | 1.185E+6 | 1.094E+6 | 1.258E+6 | 1.305E+4 | 7.146E+4 | 6.17% | -8.65% |
| 10 | | 4 | 1.129E+6 | 1.104E+6 | 1.154E+6 | 1.069E+6 | 1.199E+6 | 1.213E+4 | 6.644E+4 | 5.88% | -5.93% |
| 20 | | 4 | 1.070E+6 | 1.058E+6 | 1.082E+6 | 1.043E+6 | 1.116E+6 | 5.788E+3 | 3.170E+4 | 2.96% | -0.4% |
| 40 | | 4 | 9.020E+5 | 8.829E+5 | 9.211E+5 | 8.500E+5 | 9.720E+5 | 9.319E+3 | 5.104E+4 | 5.66% | 15.38% |
| 80 | | 4 | 4.095E+5 | 3.998E+5 | 4.192E+5 | 3.760E+5 | 4.300E+5 | 4.736E+3 | 2.594E+4 | 6.34% | 61.59% |

Cell Density Detail

| Conc-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|-----------|------------------|----------|----------|----------|----------|
| 0 | Negative Control | 1.072E+6 | 1.118E+6 | 1.041E+6 | 1.033E+6 |
| 5 | | 1.094E+6 | 1.258E+6 | 1.123E+6 | 1.158E+6 |
| 10 | | 1.173E+6 | 1.199E+6 | 1.076E+6 | 1.069E+6 |
| 20 | | 1.059E+6 | 1.063E+6 | 1.116E+6 | 1.043E+6 |
| 40 | | 8.500E+5 | 8.880E+5 | 9.720E+5 | 8.980E+5 |
| 80 | | 4.300E+5 | 4.020E+5 | 4.300E+5 | 3.760E+5 |

CETIS Measurement Report

Report Date: 03 Nov-09 09:07 (p 1 of 2)
Test Code: 16-5260-5177/SEL100109

| Selenastrum Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | | | |
|-------------------------|-----------------|------------|---------------------------|--|------------------|--|--|
| Batch ID: | 06-8395-3416 | Test Type: | Cell Growth | Analyst: | | | |
| Start Date: | 01 Oct-09 15:30 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water | | |
| Ending Date: | 05 Oct-09 13:30 | Species: | Selenastrum capricornutum | Brine: | Not Applicable | | |
| Duration: | 94h | Source: | Aquatic Biosystems, CO | Age: | | | |
| Sample ID: | 19-5691-0774 | Code: | SEL100109 | Client: | Internal Lab | | |
| Sample Date: | 01 Oct-09 15:30 | Material: | Cadmium chloride | Project: | | | |
| Receive Date: | 01 Oct-09 15:30 | Source: | Reference Toxicant | | | | |
| Sample Age: | N/A | Station: | | | | | |

| Alkalinity (CaCO3)-mg/L | | | | | | | | | | | |
|-------------------------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 1 | 60 | | | 60 | 60 | 0 | 0 | 0.0% | 0 |
| 5 | | 1 | 62 | | | 62 | 62 | 0 | 0 | 0.0% | 0 |
| 10 | | 1 | 58 | | | 58 | 58 | 0 | 0 | 0.0% | 0 |
| 20 | | 1 | 51 | | | 51 | 51 | 0 | 0 | 0.0% | 0 |
| 40 | | 1 | 52 | | | 52 | 52 | 0 | 0 | 0.0% | 0 |
| 80 | | 1 | 50 | | | 50 | 50 | 0 | 0 | 0.0% | 0 |
| Overall | | 6 | 55.5 | | | 50 | 62 | | | | 0 (0%) |

| Conductivity-µmhos | | | | | | | | | | | |
|--------------------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 5 | 441 | 435.7 | 446.3 | 428 | 466 | 2.603 | 15.62 | 3.54% | 0 |
| 5 | | 5 | 478.4 | 470.7 | 486.1 | 450 | 514 | 3.816 | 22.9 | 4.79% | 0 |
| 10 | | 5 | 436 | 433.4 | 438.6 | 428 | 445 | 1.275 | 7.649 | 1.75% | 0 |
| 20 | | 5 | 429 | 426.7 | 431.3 | 422 | 437 | 1.137 | 6.819 | 1.59% | 0 |
| 40 | | 5 | 422.2 | 420.1 | 424.3 | 414 | 428 | 1.05 | 6.301 | 1.49% | 0 |
| 80 | | 5 | 406 | 404.1 | 407.9 | 401 | 415 | 0.928 | 5.568 | 1.37% | 0 |
| Overall | | 30 | 435.4 | | | 401 | 514 | | | | 0 (0%) |

| Hardness (CaCO3)-mg/L | | | | | | | | | | | |
|-----------------------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|------|----------|
| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 1 | 98 | | | 98 | 98 | 0 | 0 | 0.0% | 0 |
| 5 | | 1 | 115 | | | 115 | 115 | 0 | 0 | 0.0% | 0 |
| 10 | | 1 | 135 | | | 135 | 135 | 0 | 0 | 0.0% | 0 |
| 20 | | 1 | 124 | | | 124 | 124 | 0 | 0 | 0.0% | 0 |
| 40 | | 1 | 113 | | | 113 | 113 | 0 | 0 | 0.0% | 0 |
| 80 | | 1 | 110 | | | 110 | 110 | 0 | 0 | 0.0% | 0 |
| Overall | | 6 | 115.8 | | | 98 | 135 | | | | 0 (0%) |

| pH-Units | | | | | | | | | | | |
|-----------|----------------|-------|------|---------|---------|-----|-----|---------|---------|-------|----------|
| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 5 | 7.96 | 7.909 | 8.011 | 7.7 | 8.1 | 0.02528 | 0.1517 | 1.91% | 0 |
| 5 | | 5 | 8.1 | 8.028 | 8.172 | 7.8 | 8.3 | 0.03535 | 0.2121 | 2.62% | 0 |
| 10 | | 5 | 8.08 | 8.015 | 8.145 | 7.8 | 8.3 | 0.03206 | 0.1924 | 2.38% | 0 |
| 20 | | 5 | 8.08 | 8.03 | 8.13 | 7.9 | 8.3 | 0.02472 | 0.1483 | 1.84% | 0 |
| 40 | | 5 | 8.08 | 8.03 | 8.13 | 7.9 | 8.3 | 0.02472 | 0.1483 | 1.84% | 0 |
| 80 | | 5 | 8.06 | 8.009 | 8.111 | 7.9 | 8.3 | 0.02528 | 0.1517 | 1.88% | 0 |
| Overall | | 30 | 8.06 | | | 7.7 | 8.3 | | | | 0 (0%) |

| Temperature-°C | | | | | | | | | | | |
|----------------|----------------|-------|-------|---------|---------|------|------|---------|---------|------|----------|
| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 5 | 25.5 | 25.39 | 25.61 | 25.1 | 25.8 | 0.05528 | 0.3317 | 1.3% | 0 |
| 5 | | 5 | 25.48 | 25.36 | 25.6 | 25.1 | 25.8 | 0.05939 | 0.3564 | 1.4% | 0 |
| 10 | | 5 | 25.48 | 25.36 | 25.6 | 25.1 | 25.8 | 0.05939 | 0.3564 | 1.4% | 0 |
| 20 | | 5 | 25.5 | 25.39 | 25.61 | 25.1 | 25.8 | 0.05528 | 0.3317 | 1.3% | 0 |
| 40 | | 5 | 25.5 | 25.39 | 25.61 | 25.1 | 25.8 | 0.05528 | 0.3317 | 1.3% | 0 |
| 80 | | 5 | 25.5 | 25.39 | 25.61 | 25.1 | 25.8 | 0.05528 | 0.3317 | 1.3% | 0 |
| Overall | | 30 | 25.49 | | | 25.1 | 25.8 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 03 Nov-09 09:07 (p 2 of 2)

Test Code: 16-5260-5177/SEL100109

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Alkalinity (CaCO₃)-mg/L

| Conc-µg/L | Control Type | 1 |
|-----------|----------------|----|
| 0 | Negative Contr | 60 |
| 5 | | 62 |
| 10 | | 58 |
| 20 | | 51 |
| 40 | | 52 |
| 80 | | 50 |

Conductivity-µmhos

| Conc-µg/L | Control Type | 1 | 2 | 3 | 4 | 5 |
|-----------|----------------|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 435 | 430 | 428 | 446 | 466 |
| 5 | | 450 | 474 | 477 | 477 | 514 |
| 10 | | 440 | 428 | 439 | 445 | 428 |
| 20 | | 437 | 423 | 428 | 435 | 422 |
| 40 | | 427 | 417 | 425 | 428 | 414 |
| 80 | | 407 | 402 | 405 | 415 | 401 |

Hardness (CaCO₃)-mg/L

| Conc-µg/L | Control Type | 1 |
|-----------|----------------|-----|
| 0 | Negative Contr | 98 |
| 5 | | 115 |
| 10 | | 135 |
| 20 | | 124 |
| 40 | | 113 |
| 80 | | 110 |

pH-Units

| Conc-µg/L | Control Type | 1 | 2 | 3 | 4 | 5 |
|-----------|----------------|-----|-----|-----|---|-----|
| 0 | Negative Contr | 7.7 | 8 | 8 | 8 | 8.1 |
| 5 | | 7.8 | 8.3 | 8.1 | 8 | 8.3 |
| 10 | | 7.8 | 8.2 | 8.1 | 8 | 8.3 |
| 20 | | 7.9 | 8.1 | 8.1 | 8 | 8.3 |
| 40 | | 7.9 | 8.1 | 8.1 | 8 | 8.3 |
| 80 | | 7.9 | 8 | 8.1 | 8 | 8.3 |

Temperature-°C

| Conc-µg/L | Control Type | 1 | 2 | 3 | 4 | 5 |
|-----------|----------------|------|------|------|------|------|
| 0 | Negative Contr | 25.8 | 25.8 | 25.1 | 25.2 | 25.6 |
| 5 | | 25.8 | 25.8 | 25.1 | 25.1 | 25.6 |
| 10 | | 25.8 | 25.8 | 25.1 | 25.1 | 25.6 |
| 20 | | 25.8 | 25.8 | 25.1 | 25.2 | 25.6 |
| 40 | | 25.8 | 25.8 | 25.1 | 25.2 | 25.6 |
| 80 | | 25.8 | 25.8 | 25.1 | 25.2 | 25.6 |





TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC KELP GERMINATION & GROWTH BIOASSAY

DATE: 14 October - 09

STANDARD TOXICANT: Copper Chloride

ENDPOINT: GERMINATION

NOEC = 5.6 ug/l

IC25 = 203.91 ug/l

IC50 = 242.61 ug/l

ENDPOINT: GROWTH-LENGTH

NOEC = 180.00 ug/l

IC25 = 211.80 ug/l

IC50 = 247.90 ug/l

Yours very truly,

A handwritten signature in black ink, appearing to read "Tim Mikel", is written over a horizontal line.

For: Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 08:40 (p 1 of 2)
Test Code: 00-4410-3047/KLP101409

| Macrocystis Germination and Germ Tube Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | | | |
|---|-----------------|------------|-------------------------|--|---------------------|--|--|
| Batch ID: | 01-6144-2367 | Test Type: | Growth-Germination | Analyst: | | | |
| Start Date: | 14 Oct-09 13:00 | Protocol: | EPA/600/R-95/136 (1995) | Diluent: | Laboratory Seawater | | |
| Ending Date: | 16 Oct-09 13:00 | Species: | Macrocystis pyrifera | Brine: | Not Applicable | | |
| Duration: | 48h | Source: | David Guttoff | Age: | | | |
| Sample ID: | 21-1758-8507 | Code: | KLP101409 | Client: | Internal Lab | | |
| Sample Date: | 14 Oct-09 13:00 | Material: | Copper chloride | Project: | | | |
| Receive Date: | 14 Oct-09 13:00 | Source: | Reference Toxicant | | | | |
| Sample Age: | N/A | Station: | | | | | |

| Comparison Summary | | | | | | | |
|--------------------|------------------|------|------|-------|-------|----|------------------------------------|
| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
| 19-7963-2060 | Germination Rate | 5.6 | 18 | 10.04 | 1.91% | | Dunnett's Multiple Comparison Test |

| Point Estimate Summary | | | | | | | |
|------------------------|------------------|-------|-------|---------|---------|----|------------------------------|
| Analysis ID | Endpoint | Level | µg/L | 95% LCL | 95% UCL | TU | Method |
| 11-2772-9114 | Germination Rate | EC5 | 41.66 | 18.46 | 65.59 | | Linear Interpolation (ICPIN) |
| | | EC10 | 180.7 | 44.82 | 184.6 | | |
| | | EC15 | 188.4 | 184.1 | 192.1 | | |
| | | EC20 | 196.2 | 192.1 | 199.6 | | |
| | | EC25 | 203.9 | 200.1 | 207.2 | | |
| | | EC40 | 227.1 | 224.1 | 229.7 | | |
| | | EC50 | 242.6 | 240.1 | 244.8 | | |
| 00-6589-0542 | Mean Length | IC5 | 182.9 | 165.6 | 186.4 | | Linear Interpolation (ICPIN) |
| | | IC10 | 190.1 | 185.4 | 193.4 | | |
| | | IC15 | 197.4 | 192.8 | 200.5 | | |
| | | IC20 | 204.6 | 200.3 | 207.5 | | |
| | | IC25 | 211.8 | 207.8 | 214.5 | | |
| | | IC40 | 233.4 | 230.2 | 235.6 | | |
| | | IC50 | 247.9 | 245.2 | 249.7 | | |

| Test Acceptability | | | | | | |
|--------------------|------------------|--------------|-----------|------------|---------|----------------------|
| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision |
| 11-2772-9114 | Germination Rate | Control Resp | 0.942 | 0.7 - NL | Yes | Result Within Limits |
| 19-7963-2060 | Germination Rate | Control Resp | 0.942 | 0.7 - NL | Yes | Result Within Limits |
| 00-6589-0542 | Mean Length | Control Resp | 16.38 | 10 - NL | Yes | Result Within Limits |
| 19-7963-2060 | Germination Rate | PMSD | 0.01907 | NL - 0.2 | No | Result Within Limits |

| Germination Rate Summary | | | | | | | | | | | |
|--------------------------|------------------|-------|-------|---------|---------|------|------|----------|----------|-------|--------|
| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 5 | 0.942 | 0.9365 | 0.9475 | 0.92 | 0.96 | 0.002708 | 0.01483 | 1.58% | 0.0% |
| 5.6 | | 5 | 0.928 | 0.9231 | 0.9329 | 0.91 | 0.94 | 0.00238 | 0.01304 | 1.41% | 1.49% |
| 18 | | 5 | 0.914 | 0.9097 | 0.9183 | 0.9 | 0.93 | 0.002082 | 0.0114 | 1.25% | 2.97% |
| 32 | | 5 | 0.902 | 0.8989 | 0.9051 | 0.89 | 0.91 | 0.001528 | 0.008367 | 0.93% | 4.25% |
| 100 | | 5 | 0.85 | 0.8447 | 0.8553 | 0.84 | 0.87 | 0.002582 | 0.01414 | 1.66% | 9.77% |
| 180 | | 5 | 0.854 | 0.845 | 0.863 | 0.82 | 0.88 | 0.004397 | 0.02408 | 2.82% | 9.34% |
| 320 | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100.0% |

| Mean Length Summary | | | | | | | | | | | |
|---------------------|------------------|-------|-------|---------|---------|------|------|---------|---------|-------|--------|
| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 5 | 16.38 | 16.29 | 16.47 | 16 | 16.6 | 0.04546 | 0.249 | 1.52% | 0.0% |
| 5.6 | | 5 | 16.56 | 16.27 | 16.85 | 15.5 | 17.4 | 0.1441 | 0.7893 | 4.77% | -1.1% |
| 18 | | 5 | 16.06 | 15.83 | 16.29 | 15.3 | 16.7 | 0.113 | 0.6189 | 3.85% | 1.95% |
| 32 | | 5 | 16.36 | 16.23 | 16.49 | 15.8 | 16.6 | 0.06137 | 0.3362 | 2.06% | 0.12% |
| 100 | | 5 | 16.64 | 16.4 | 16.88 | 16.1 | 17.4 | 0.1194 | 0.6542 | 3.93% | -1.59% |
| 180 | | 5 | 15.98 | 15.88 | 16.08 | 15.6 | 16.3 | 0.04726 | 0.2588 | 1.62% | 2.44% |
| 320 | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100.0% |

CETIS Summary Report

Report Date: 03 Nov-09 08:40 (p 2 of 2)
Test Code: 00-4410-3047/KLP101409

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Germination Rate Detail

| Conc-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|-----------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 0.95 | 0.96 | 0.94 | 0.92 | 0.94 |
| 5.6 | | 0.94 | 0.91 | 0.92 | 0.93 | 0.94 |
| 18 | | 0.92 | 0.91 | 0.9 | 0.93 | 0.91 |
| 32 | | 0.91 | 0.9 | 0.91 | 0.89 | 0.9 |
| 100 | | 0.84 | 0.86 | 0.84 | 0.87 | 0.84 |
| 140 | | | | | | |
| 180 | | 0.82 | 0.87 | 0.84 | 0.86 | 0.88 |
| 320 | | 0 | 0 | 0 | 0 | 0 |

Mean Length Detail

| Conc-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|-----------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 16 | 16.6 | 16.4 | 16.6 | 16.3 |
| 5.6 | | 17.4 | 16 | 15.5 | 16.8 | 17.1 |
| 18 | | 16.4 | 16.4 | 15.5 | 15.3 | 16.7 |
| 32 | | 16.3 | 15.8 | 16.5 | 16.6 | 16.6 |
| 100 | | 16.1 | 17.3 | 16.1 | 16.3 | 17.4 |
| 140 | | | | | | |
| 180 | | 15.6 | 16.1 | 16.3 | 16 | 15.9 |
| 320 | | 0 | 0 | 0 | 0 | 0 |

CETIS Measurement Report

Report Date: 03 Nov-09 08:40 (p 1 of 4)
Test Code: 00-4410-3047/KLP101409

| Macrocystis Germination and Germ Tube Growth Test | | | | | | Aquatic Bioassay & Consulting Labs, Inc. | | | | | |
|---|-----------------|------------|-------------------------|----------|---------------------|--|--|--|--|--|--|
| Batch ID: | 01-6144-2367 | Test Type: | Growth-Germination | Analyst: | | | | | | | |
| Start Date: | 14 Oct-09 13:00 | Protocol: | EPA/600/R-95/136 (1995) | Diluent: | Laboratory Seawater | | | | | | |
| Ending Date: | 16 Oct-09 13:00 | Species: | Macrocystis pyrifera | Brine: | Not Applicable | | | | | | |
| Duration: | 48h | Source: | David Gutoff | Age: | | | | | | | |
| Sample ID: | 21-1758-8507 | Code: | KLP101409 | Client: | Internal Lab | | | | | | |
| Sample Date: | 14 Oct-09 13:00 | Material: | Copper chloride | Project: | | | | | | | |
| Receive Date: | 14 Oct-09 13:00 | Source: | Reference Toxicant | | | | | | | | |
| Sample Age: | N/A | Station: | | | | | | | | | |

| Dissolved Oxygen-mg/L | | | | | | | | | | | |
|-----------------------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 6.5 | 6.261 | 6.739 | 6 | 7 | 0.1179 | 0.7071 | 10.88% | 0 |
| 5.6 | | 2 | 6.35 | 6.135 | 6.565 | 5.9 | 6.8 | 0.1061 | 0.6364 | 10.02% | 0 |
| 18 | | 2 | 6.3 | 6.109 | 6.491 | 5.9 | 6.7 | 0.09428 | 0.5657 | 8.98% | 0 |
| 32 | | 2 | 6.25 | 6.083 | 6.417 | 5.9 | 6.6 | 0.0825 | 0.495 | 7.92% | 0 |
| 100 | | 2 | 6.15 | 5.983 | 6.317 | 5.8 | 6.5 | 0.0825 | 0.495 | 8.05% | 0 |
| 180 | | 2 | 6.15 | 5.983 | 6.317 | 5.8 | 6.5 | 0.0825 | 0.495 | 8.05% | 0 |
| 320 | | 2 | 6.2 | 5.961 | 6.439 | 5.7 | 6.7 | 0.1179 | 0.7071 | 11.4% | 0 |
| Overall | | 14 | 6.271 | | | 5.7 | 7 | | | | 0 (0%) |

| Light Level-Lux | | | | | | | | | | | |
|-----------------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 667 | 650.7 | 683.3 | 633 | 701 | 8.014 | 48.08 | 7.21% | 0 |
| 5.6 | | 2 | 660 | 640.4 | 679.6 | 619 | 701 | 9.664 | 57.98 | 8.79% | 0 |
| 18 | | 2 | 660 | 640.4 | 679.6 | 619 | 701 | 9.664 | 57.98 | 8.79% | 0 |
| 32 | | 2 | 660 | 640.4 | 679.6 | 619 | 701 | 9.664 | 57.98 | 8.79% | 0 |
| 100 | | 2 | 313.1 | 166.7 | 459.4 | 7.1 | 619 | 72.11 | 432.7 | 138.2% | 0 |
| 180 | | 2 | 660 | 640.4 | 679.6 | 619 | 701 | 9.664 | 57.98 | 8.79% | 0 |
| 320 | | 2 | 660 | 640.4 | 679.6 | 619 | 701 | 9.664 | 57.98 | 8.79% | 0 |
| Overall | | 14 | 611.4 | | | 7.1 | 701 | | | | 0 (0%) |

| Total Ammonia (N)-mg/L | | | | | | | | | | | |
|------------------------|----------------|-------|------|---------|---------|-----|-----|---------|---------|-----|----------|
| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| 5.6 | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| 18 | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| 32 | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| 100 | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| 180 | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| 320 | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| Overall | | 14 | 0 | | | 0 | 0 | | | | 0 (0%) |

| pH-Units | | | | | | | | | | | |
|-----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 8 | 8 | 8 | 8 | 8 | 0 | 0 | 0.0% | 0 |
| 5.6 | | 2 | 8.05 | 8.026 | 8.074 | 8 | 8.1 | 0.01179 | 0.07073 | 0.88% | 0 |
| 18 | | 2 | 8 | 8 | 8 | 8 | 8 | 0 | 0 | 0.0% | 0 |
| 32 | | 2 | 8 | 8 | 8 | 8 | 8 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 8 | 8 | 8 | 8 | 8 | 0 | 0 | 0.0% | 0 |
| 180 | | 2 | 8 | 8 | 8 | 8 | 8 | 0 | 0 | 0.0% | 0 |
| 320 | | 2 | 8 | 8 | 8 | 8 | 8 | 0 | 0 | 0.0% | 0 |
| Overall | | 14 | 8.007 | | | 8 | 8.1 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 03 Nov-09 08:40 (p 2 of 4)
Test Code: 00-4410-3047/KLP101409

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Salinity-ppt

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 5.6 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 18 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 32 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 180 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 320 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 14 | 34 | | | 34 | 34 | | | | 0 (0%) |

Temperature-°C

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| 0 | Negative Contr | 2 | 15.3 | 15.25 | 15.35 | 15.2 | 15.4 | 0.02357 | 0.1414 | 0.92% | 0 |
| 5.6 | | 2 | 15.3 | 15.25 | 15.35 | 15.2 | 15.4 | 0.02357 | 0.1414 | 0.92% | 0 |
| 18 | | 2 | 15.3 | 15.25 | 15.35 | 15.2 | 15.4 | 0.02357 | 0.1414 | 0.92% | 0 |
| 32 | | 2 | 15.35 | 15.33 | 15.37 | 15.3 | 15.4 | 0.01179 | 0.07075 | 0.46% | 0 |
| 100 | | 2 | 15.35 | 15.33 | 15.37 | 15.3 | 15.4 | 0.01179 | 0.07075 | 0.46% | 0 |
| 180 | | 2 | 15.35 | 15.33 | 15.37 | 15.3 | 15.4 | 0.01179 | 0.07075 | 0.46% | 0 |
| 320 | | 2 | 15.35 | 15.33 | 15.37 | 15.3 | 15.4 | 0.01179 | 0.07075 | 0.46% | 0 |
| Overall | | 14 | 15.33 | | | 15.2 | 15.4 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 03 Nov-09 08:40 (p 3 of 4)
Test Code: 00-4410-3047/KLP101409

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

| Conc-µg/L | Control Type | 1 | 2 |
|-----------|----------------|-----|-----|
| 0 | Negative Contr | 7 | 6 |
| 5.6 | | 6.8 | 5.9 |
| 18 | | 6.7 | 5.9 |
| 32 | | 6.6 | 5.9 |
| 100 | | 6.5 | 5.8 |
| 140 | | | |
| 180 | | 6.5 | 5.8 |
| 320 | | 6.7 | 5.7 |

Light Level-Lux

| Conc-µg/L | Control Type | 1 | 2 |
|-----------|----------------|-----|-----|
| 0 | Negative Contr | 701 | 633 |
| 5.6 | | 701 | 619 |
| 18 | | 701 | 619 |
| 32 | | 701 | 619 |
| 100 | | 7.1 | 619 |
| 140 | | | |
| 180 | | 701 | 619 |
| 320 | | 701 | 619 |

Total Ammonia (N)-mg/L

| Conc-µg/L | Control Type | 1 | 2 |
|-----------|----------------|---|---|
| 0 | Negative Contr | 0 | 0 |
| 5.6 | | 0 | 0 |
| 18 | | 0 | 0 |
| 32 | | 0 | 0 |
| 100 | | 0 | 0 |
| 140 | | | |
| 180 | | 0 | 0 |
| 320 | | 0 | 0 |

pH-Units

| Conc-µg/L | Control Type | 1 | 2 |
|-----------|----------------|-----|---|
| 0 | Negative Contr | 8 | 8 |
| 5.6 | | 8.1 | 8 |
| 18 | | 8 | 8 |
| 32 | | 8 | 8 |
| 100 | | 8 | 8 |
| 140 | | | |
| 180 | | 8 | 8 |
| 320 | | 8 | 8 |

Salinity-ppt

| Conc-µg/L | Control Type | 1 | 2 |
|-----------|----------------|----|----|
| 0 | Negative Contr | 34 | 34 |
| 5.6 | | 34 | 34 |
| 18 | | 34 | 34 |
| 32 | | 34 | 34 |
| 100 | | 34 | 34 |
| 140 | | | |
| 180 | | 34 | 34 |
| 320 | | 34 | 34 |



CETIS Measurement Report

Report Date: 03 Nov-09 08:40 (p 4 of 4)
Test Code: 00-4410-3047/KLP101409

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

| Conc-µg/L | Control Type | 1 | 2 |
|-----------|----------------|------|------|
| 0 | Negative Contr | 15.2 | 15.4 |
| 5.6 | | 15.2 | 15.4 |
| 18 | | 15.2 | 15.4 |
| 32 | | 15.3 | 15.4 |
| 100 | | 15.3 | 15.4 |
| 140 | | | |
| 180 | | 15.3 | 15.4 |
| 320 | | 15.3 | 15.4 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

DATE: 15 October - 09

STANDARD TOXICANT: Copper Chloride

NOEC = 32.00 ug/l

IC25 = 43.32 ug/l

IC50 = 54.64 ug/l

Yours very truly,

Vol Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Report Date: 03 Nov-09 08:37 (p 1 of 1)
Test Code: 10-0330-6294/URCF101509

| Purple Sea Urchin Sperm Cell Fertilization Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | |
|---|-----------------|------------|-------------------------------|--|---------------------|
| Batch ID: | 08-6502-2240 | Test Type: | Fertilization | Analyst: | |
| Start Date: | 15 Oct-09 16:00 | Protocol: | EPA/600/R-95/136 (1995) | Diluent: | Laboratory Seawater |
| Ending Date: | 15 Oct-09 17:00 | Species: | Strongylocentrotus purpuratus | Brine: | Not Applicable |
| Duration: | 60m | Source: | David Gutoff | Age: | |
| Sample ID: | 07-2052-9382 | Code: | URCF101509 | Client: | Internal Lab |
| Sample Date: | 15 Oct-09 16:00 | Material: | Copper chloride | Project: | |
| Receive Date: | 15 Oct-09 17:00 | Source: | Reference Toxicant | | |
| Sample Age: | N/A | Station: | | | |

| Comparison Summary | | | | | | | |
|--------------------|--------------------|------|------|-------|-------|----|--------------------------|
| Analysis ID | Endpoint | NOEL | LOEL | TOEL | PMSD | TU | Method |
| 18-6321-9631 | Fertilization Rate | 32 | 56 | 42.33 | 5.08% | | Steel Many-One Rank Test |

| Point Estimate Summary | | | | | | | |
|------------------------|--------------------|-------|-------|---------|---------|----|------------------------------|
| Analysis ID | Endpoint | Level | µg/L | 95% LCL | 95% UCL | TU | Method |
| 08-0588-5654 | Fertilization Rate | EC5 | 34.26 | 34.07 | 34.48 | | Linear Interpolation (ICPIN) |
| | | EC10 | 36.53 | 36.14 | 36.96 | | |
| | | EC15 | 38.79 | 38.21 | 39.44 | | |
| | | EC20 | 41.06 | 40.28 | 41.93 | | |
| | | EC25 | 43.32 | 42.35 | 44.41 | | |
| | | EC40 | 50.11 | 48.56 | 51.85 | | |
| | | EC50 | 54.64 | 52.7 | 56.82 | | |

| Test Acceptability | | | | | | | |
|--------------------|--------------------|--------------|-----------|------------|---------|----------------------|--|
| Analysis ID | Endpoint | Attribute | Test Stat | TAC Limits | Overlap | Decision | |
| 08-0588-5654 | Fertilization Rate | Control Resp | 1 | 0.7 - NL | Yes | Result Within Limits | |
| 18-6321-9631 | Fertilization Rate | Control Resp | 1 | 0.7 - NL | Yes | Result Within Limits | |
| 18-6321-9631 | Fertilization Rate | PMSD | 0.05075 | NL - 0.25 | No | Result Within Limits | |

| Fertilization Rate Summary | | | | | | | | | | | |
|----------------------------|------------------|-------|-------|---------|---------|------|------|----------|---------|--------|--------|
| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 18 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 32 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 56 | | 4 | 0.47 | 0.4567 | 0.4833 | 0.44 | 0.51 | 0.006498 | 0.03559 | 7.57% | 53.0% |
| 100 | | 4 | 0.245 | 0.1861 | 0.3039 | 0.02 | 0.38 | 0.02881 | 0.1578 | 64.41% | 75.5% |
| 180 | | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100.0% |

| Fertilization Rate Detail | | | | | |
|---------------------------|------------------|-------|-------|-------|-------|
| Conc-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
| 0 | Negative Control | 1 | 1 | 1 | 1 |
| 18 | | 1 | 1 | 1 | 1 |
| 32 | | 1 | 1 | 1 | 1 |
| 56 | | 0.51 | 0.49 | 0.44 | 0.44 |
| 100 | | 0.26 | 0.38 | 0.32 | 0.02 |
| 180 | | 0 | 0 | 0 | 0 |

CETIS Measurement Report

Report Date: 03 Nov-09 08:37 (p 1 of 2)

Test Code: 10-0330-6294/URCF101509

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|-------------------------------|----------|---------------------|
| Batch ID: | 08-6502-2240 | Test Type: | Fertilization | Analyst: | |
| Start Date: | 15 Oct-09 16:00 | Protocol: | EPA/600/R-95/136 (1995) | Diluent: | Laboratory Seawater |
| Ending Date: | 15 Oct-09 17:00 | Species: | Strongylocentrotus purpuratus | Brine: | Not Applicable |
| Duration: | 60m | Source: | David Gutoff | Age: | |
| Sample ID: | 07-2052-9382 | Code: | URCF101509 | Client: | Internal Lab |
| Sample Date: | 15 Oct-09 16:00 | Material: | Copper chloride | Project: | |
| Receive Date: | 15 Oct-09 17:00 | Source: | Reference Toxicant | | |
| Sample Age: | N/A | Station: | | | |

Parameter Acceptability

| Parameter | Min | Max | Acceptability Limits | Overlap | Decision |
|----------------|------|------|----------------------|---------|-----------------------|
| Salinity-ppt | 34 | 34 | 32 - 36 | Yes | Results Within Limits |
| Temperature-°C | 15.3 | 15.6 | 11 - 13 | Yes | Results Above Limit |

Dissolved Oxygen-mg/L

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 2 | 6.2 | 5.865 | 6.535 | 5.5 | 6.9 | 0.165 | 0.9899 | 15.97% | 0 |
| 18 | | 2 | 6.05 | 5.835 | 6.265 | 5.6 | 6.5 | 0.1061 | 0.6364 | 10.52% | 0 |
| 32 | | 2 | 6.05 | 5.787 | 6.313 | 5.5 | 6.6 | 0.1296 | 0.7778 | 12.86% | 0 |
| 56 | | 2 | 6.05 | 5.835 | 6.265 | 5.6 | 6.5 | 0.1061 | 0.6364 | 10.52% | 0 |
| 100 | | 2 | 6.1 | 5.861 | 6.339 | 5.6 | 6.6 | 0.1179 | 0.7071 | 11.59% | 0 |
| 180 | | 2 | 6 | 5.761 | 6.239 | 5.5 | 6.5 | 0.1179 | 0.7071 | 11.79% | 0 |
| Overall | | 12 | 6.075 | | | 5.5 | 6.9 | | | | 0 (0%) |

Total Ammonia (N)-mg/L

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|------|---------|---------|-----|-----|---------|---------|-----|----------|
| 0 | Negative Contr | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| 18 | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| 32 | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| 56 | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| 100 | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| 180 | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| Overall | | 12 | 0 | | | 0 | 0 | | | | 0 (0%) |

pH-Units

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 18 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 32 | | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| 56 | | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| 180 | | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 7.917 | | | 7.9 | 8 | | | | 0 (0%) |

Salinity-ppt

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 18 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 32 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 56 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 180 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 34 | | | 34 | 34 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 03 Nov-09 08:37 (p 2 of 2)
Test Code: 10-0330-6294/URCF101509

Purple Sea Urchin Sperm Cell Fertilization Test Aquatic Bioassay & Consulting Labs, Inc.

| Temperature-°C | | | | | | | | | | | |
|----------------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 15.4 | 15.35 | 15.45 | 15.3 | 15.5 | 0.02357 | 0.1414 | 0.92% | 0 |
| 18 | | 2 | 15.4 | 15.35 | 15.45 | 15.3 | 15.5 | 0.02357 | 0.1414 | 0.92% | 0 |
| 32 | | 2 | 15.45 | 15.38 | 15.52 | 15.3 | 15.6 | 0.03536 | 0.2122 | 1.37% | 0 |
| 56 | | 2 | 15.45 | 15.38 | 15.52 | 15.3 | 15.6 | 0.03536 | 0.2122 | 1.37% | 0 |
| 100 | | 2 | 15.5 | 15.45 | 15.55 | 15.4 | 15.6 | 0.02357 | 0.1414 | 0.91% | 0 |
| 180 | | 2 | 15.5 | 15.45 | 15.55 | 15.4 | 15.6 | 0.02357 | 0.1414 | 0.91% | 0 |
| Overall | | 12 | 15.45 | | | 15.3 | 15.6 | | | | 0 (0%) |

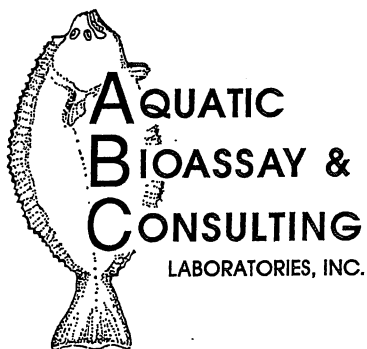
| Dissolved Oxygen-mg/L | | | |
|-----------------------|----------------|-----|-----|
| Conc-µg/L | Control Type | 1 | 2 |
| 0 | Negative Contr | 6.9 | 5.5 |
| 18 | | 6.5 | 5.6 |
| 32 | | 6.6 | 5.5 |
| 56 | | 6.5 | 5.6 |
| 100 | | 6.6 | 5.6 |
| 180 | | 6.5 | 5.5 |

| Total Ammonia (N)-mg/L | | | |
|------------------------|----------------|---|---|
| Conc-µg/L | Control Type | 1 | 2 |
| 0 | Negative Contr | 0 | 0 |
| 18 | | 0 | 0 |
| 32 | | 0 | 0 |
| 56 | | 0 | 0 |
| 100 | | 0 | 0 |
| 180 | | 0 | 0 |

| pH-Units | | | |
|-----------|----------------|-----|-----|
| Conc-µg/L | Control Type | 1 | 2 |
| 0 | Negative Contr | 8 | 7.9 |
| 18 | | 8 | 7.9 |
| 32 | | 7.9 | 7.9 |
| 56 | | 7.9 | 7.9 |
| 100 | | 7.9 | 7.9 |
| 180 | | 7.9 | 7.9 |

| Salinity-ppt | | | |
|--------------|----------------|----|----|
| Conc-µg/L | Control Type | 1 | 2 |
| 0 | Negative Contr | 34 | 34 |
| 18 | | 34 | 34 |
| 32 | | 34 | 34 |
| 56 | | 34 | 34 |
| 100 | | 34 | 34 |
| 180 | | 34 | 34 |

| Temperature-°C | | | |
|----------------|----------------|------|------|
| Conc-µg/L | Control Type | 1 | 2 |
| 0 | Negative Contr | 15.5 | 15.3 |
| 18 | | 15.5 | 15.3 |
| 32 | | 15.6 | 15.3 |
| 56 | | 15.6 | 15.3 |
| 100 | | 15.6 | 15.4 |
| 180 | | 15.6 | 15.4 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

BILL TO:

Ventura County Public Works Agency
Engineering Services Division
Attn: Victoria Escoto
800 South Victoria Ave, L#1670
Ventura, CA 93003-1670

ABCL Invoice No.: VCF1091.163
Event No.: 1
Invoice Date: 10/30/2009
Invoice Due Date: 11/30/2009
Report Due Date: 11/3/2009
Tax Payer I.D. No.: 77-0192238
AE No. 10-20
Project No. P6010504

Itemized Billing:

| ABCL Lab Number | VCWSPD Sample ID | Analysis | Unit Cost | Sample Quantity | Total Cost |
|--------------------|---|----------------|--------------|--------------------|---------------|
| VCF1009.145-147 | ME-CC, ME-SCR, ME-VR2 | Chronic Kelp | \$ 820.00 | 3 | \$ 2,460.00 |
| VCF1009.145-147 | ME-CC, ME-SCR, ME-VR2 | Chronic Urchin | \$ 720.00 | 3 | \$ 2,160.00 |
| VCF1009.148-151 | Camarillo-1, Ojai-1, VC Meiners Oaks-1, Ventura-1 | Fathead Minnow | \$ 900.00 | 4 | \$ 3,600.00 |
| VCF1009.148-151 | Camarillo-1, Ojai-1, VC Meiners Oaks-1, Ventura-1 | Daphnid | \$ 950.00 | 4 | \$ 3,800.00 |
| VCF1009.148-151 | Camarillo-1, Ojai-1, VC Meiners Oaks-1, Ventura-1 | Green Algae | \$ 585.00 | 4 | \$ 2,340.00 |

INVOICE TOTAL \$ **14,360.00**

Please send check to:

Aquatic Bioassay
29 North Olive Street
Ventura, Ca. 93001



Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Toxicity - ABC Laboratories

Sampling Date: 12/7/09 Sample Event: #2 (WET)
 Sampling Team: T. LIDDELL, W.B. CAREY, K. HAYS

| SAMPLE ID | DATE/TIME COLLECTED | Chronic toxicity - topsmelt (<i>Atherinops affinis</i>) | Chronic toxicity - inland silverside (<i>Menidia beryllina</i>) | Chronic toxicity - giant kelp (<i>Macrocystis pyrifera</i>) | Chronic toxicity - purple sea urchin (<i>Strongylocentrotus purpuratus</i>) | Chronic toxicity - fathead minnow (<i>Pimephales promelas</i>) | Chronic toxicity - daphnid (<i>Ceriodaphnia dubia</i>) | Chronic toxicity - green alga (<i>Raphidocelis subcapitata</i>) | Number of 5-Gallon Buckets | NOTES |
|------------|---------------------|---|---|---|---|--|--|---|----------------------------|----------------|
| ME-CC | 12/7/09 12:00 | X | X | X | X | | | | 2 | Note 1, Note 2 |
| ME-SCR | 16:30 | X | X | X | X | | | | 2 | Note 1, Note 2 |
| ME-VR2 | 15:15 | X | X | X | X | | | | 2 | Note 1, Note 2 |
| MO-Cam-1 | 12:30 | | | | | X | X | X | 2 | Note 1, Note 2 |
| MO-Ojai-1 | 13:45 | | | | | X | X | X | 2 | Note 1, Note 2 |
| MO-MOaks-1 | 14:15 | | | | | X | X | X | 2 | Note 1, Note 2 |
| MO-Ven-1 | 16:00 | | | | | X | X | X | 2 | Note 1, Note 2 |
| | | | | | | | | | | |
| | | | | | | | | | | |

Relinquished Printed Name TOMMY LIDDELL
 Signature [Signature]
 Affiliation VCWPD Date/Time: 12/7/09 18:30

Received Printed Name Michael Wachuk
 Signature [Signature]
 Affiliation ABC Date/Time: 12/7/09

Other Notes: Note 1: Dilutions - 6.25%, 12.5%, 25%, 50%, 100%
Note 2: Please execute TIE if mortality > 50%



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arnie Anselm
Ventura County Watershed Protection District
800 South Victoria Avenue
Ventura, CA 93009

Dear Mr. Anselm:

We received a sample from your staff in our laboratory on December 7, 2009, identified as MO-Ven-1. We conducted an initial acute toxicity test on this sample with the water flea, *Ceriodaphnia dubia*, as directed in your NPDES permit.

The initial results on this sample exceeded 50% mortality in 100% sample. This result exceeded the limit set forth on the chain of custody and triggered a TIE study. The initial component of the TIE process is to conduct a "baseline" test to determine the final TIE test dilutions. The "baseline" test was conducted and toxicity was reduced, TUa <1.00. Therefore, there was no purpose to continue with further TIE manipulations.

In conclusion, the fact that toxicity was observed in the initial chronic tests and reduced toxicity was observed during the "baseline" tests indicate that the toxicant was most likely associated with volatile compound(s). The compound(s) apparently dissipated to non-toxic levels between the time of the initiation of the initial chronic toxicity tests and the initiation of the "baseline" toxicity testing.

There will be no charges associated with the TIE investigation for this sample and no TIE report will be issued. The attached report are the results of the baseline test.

Please feel free to phone me at your convenience if you have any questions.

Sincerely,

Michael J. Machuzak
Assistant Laboratory Director



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arnie Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

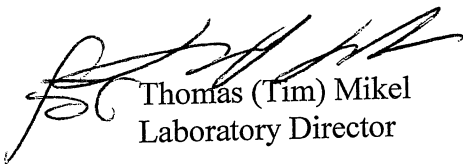
We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms*, EPA-821-R-02-012. Results were as follows:

| | |
|----------------|--|
| CLIENT: | Ventura County Watershed Protection District |
| SAMPLE I.D.: | MO-Ven-1 TIE Baseline |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.075 |

ACUTE CERIODAPHNIA SURVIVAL BIOASSAY

Survival = 100.00 % Survival in 100% Sample
TU (a) = <1.00
LC50 = >100.00 %

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 11 Jan-10 14:54 (p 1 of 2)
Test Code: 04-9168-1791/VCF1209075ac

Aquatic Bioassay & Consulting Labs, Inc.

Ceriodaphnia 96-h Acute Survival Test

| | | |
|-------------------------------|---|---|
| Analysis ID: 10-8723-2215 | Endpoint: 96h Survival Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 11 Jan-10 14:54 | Analysis: Nonparametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 04-2464-6223 | Test Type: Survival (96h) | Analyst: |
| Start Date: 15 Dec-09 15:45 | Protocol: EPA/821/R-02-012 (2002) | Diluent: Laboratory Water |
| Ending Date: 19 Dec-09 15:45 | Species: Ceriodaphnia dubia | Brine: Not Applicable |
| Duration: 96h | Source: In-House Culture | Age: <24H |
| Sample ID: 07-5783-7163 | Code: VCF1209075ac | Client: VCWPD |
| Sample Date: 07 Dec-09 16:00 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 8d (3.3 °C) | Station: MO-Ven-1 | |

Batch Note: Baseline Toxicity for TIE

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|---------------------|------|---------|-------------|------|------|------|----|------|
| Angular (Corrected) | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 5.0% |

Steel Many-One Rank Test

| Control | vs | Conc-% | Test Stat | Critical | Ties | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|------|---------|------------------------|
| Negative Control | | 43 | 18 | 10 | 1 | 0.7500 | Non-Significant Effect |
| | | 86 | 18 | 10 | 1 | 0.7500 | Non-Significant Effect |
| | | 100 | 18 | 10 | 1 | 0.7500 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 1 | 0.9 - NL | Yes | Result Within Limits |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|--------------------|
| Between | 0 | 0 | 3 | 65540 | <0.0001 | Significant Effect |
| Error | 0 | 0 | 12 | | | |
| Total | 0 | 0 | 15 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|-----------|---------------------------------|-----------|----------|---------|-------------------|
| Variances | Mod Levene Equality of Variance | 65540 | 5.953 | <0.0001 | Unequal Variances |

96h Survival Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|------|---------|---------|-----|-----|---------|---------|------|-------|
| 0 | Negative Control | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 43 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 86 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 100 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |

Angular (Corrected) Transformed Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|----------------|-------|-------|---------|---------|-------|-------|---------|---------|------|-------|
| 0 | Negative Contr | 4 | 1.345 | 1.345 | 1.345 | 1.345 | 1.345 | 0 | 0 | 0.0% | 0.0% |
| 43 | | 4 | 1.345 | 1.345 | 1.345 | 1.345 | 1.345 | 0 | 0 | 0.0% | 0.0% |
| 86 | | 4 | 1.345 | 1.345 | 1.345 | 1.345 | 1.345 | 0 | 0 | 0.0% | 0.0% |
| 100 | | 4 | 1.345 | 1.345 | 1.345 | 1.345 | 1.345 | 0 | 0 | 0.0% | 0.0% |

CETIS Analytical Report

Report Date: 11 Jan-10 14:54 (p 2 of 2)
 Test Code: 04-9168-1791/VCF1209075ac

Aquatic Bioassay & Consulting Labs, Inc.

Ceriodaphnia 96-h Acute Survival Test

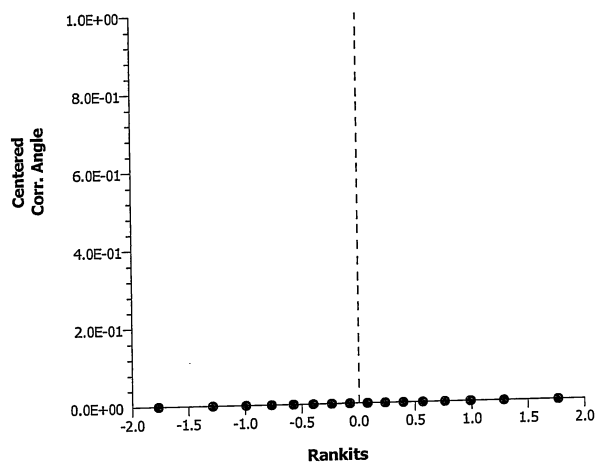
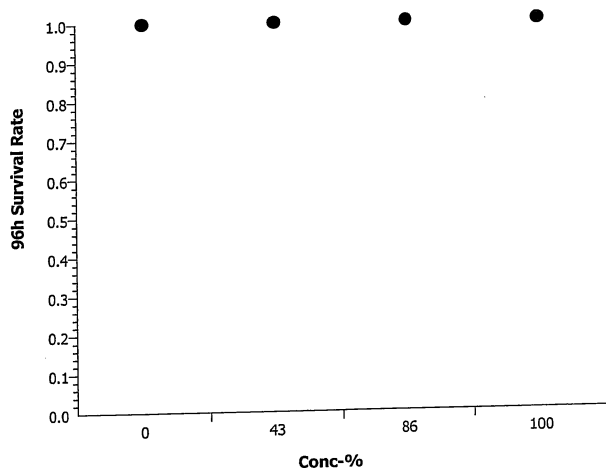
Analysis ID: 10-8723-2215 Endpoint: 96h Survival Rate
 Analyzed: 11 Jan-10 14:54 Analysis: Nonparametric-Control vs Treatments

CETIS Version: CETISv1.7.0
 Official Results: Yes

96h Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 1 | 1 | 1 |
| 43 | | 1 | 1 | 1 | 1 |
| 86 | | 1 | 1 | 1 | 1 |
| 100 | | 1 | 1 | 1 | 1 |

Graphics



CETIS Analytical Report

Report Date: 11 Jan-10 14:54 (p 1 of 2)

Test Code: 04-9168-1791/VCF1209075ac

Ceriodaphnia 96-h Acute Survival Test Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|--------------------------------------|---|--|
| Analysis ID: 15-4752-2819 | Endpoint: 96h Survival Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 11 Jan-10 14:54 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 04-2464-6223 | Test Type: Survival (96h) | Analyst: |
| Start Date: 15 Dec-09 15:45 | Protocol: EPA/821/R-02-012 (2002) | Diluent: Laboratory Water |
| Ending Date: 19 Dec-09 15:45 | Species: Ceriodaphnia dubia | Brine: Not Applicable |
| Duration: 96h | Source: In-House Culture | Age: <24H |
| Sample ID: 07-5783-7163 | Code: VCF1209075ac | Client: VCWPD |
| Sample Date: 07 Dec-09 16:00 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 8d (3.3 °C) | Station: MO-Ven-1 | |

Batch Note: Baseline Toxicity for TIE

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 2637929 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 1 | 0.9 - NL | Yes | Result Within Limits |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|------|---------|---------|----|---------|---------|
| EC5 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC50 | >100 | N/A | N/A | <1 | N/A | N/A |

96h Survival Rate Summary

| | | Calculated Variate(A/B) | | | | | | | | | |
|---------|------------------|-------------------------|------|-----|-----|---------|---------|------|-------|----|----|
| Conc.-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | A | B |
| 0 | Negative Control | 4 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 20 | 20 |
| 43 | | 4 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 20 | 20 |
| 86 | | 4 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 20 | 20 |
| 100 | | 4 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 20 | 20 |

96h Survival Rate Detail

| Conc.-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|---------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 1 | 1 | 1 |
| 43 | | 1 | 1 | 1 | 1 |
| 86 | | 1 | 1 | 1 | 1 |
| 100 | | 1 | 1 | 1 | 1 |

CETIS Analytical Report

Report Date: 11 Jan-10 14:54 (p 2 of 2)

Test Code: 04-9168-1791/VCF1209075ac

Ceriodaphnia 96-h Acute Survival Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 15-4752-2819

Endpoint: 96h Survival Rate

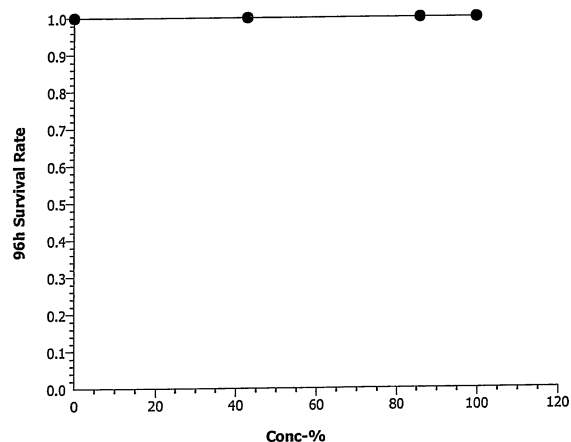
CETIS Version: CETISv1.7.0

Analyzed: 11 Jan-10 14:54

Analysis: Linear Interpolation (ICPIN)

Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 11 Jan-10 14:54 (p 1 of 2)
Test Code: 04-9168-1791/VCF1209075ac

Ceriodaphnia 96-h Acute Survival Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|--------------------------------------|--|--|
| Batch ID: 04-2464-6223 | Test Type: Survival (96h) | Analyst: |
| Start Date: 15 Dec-09 15:45 | Protocol: EPA/821/R-02-012 (2002) | Diluent: Laboratory Water |
| Ending Date: 19 Dec-09 15:45 | Species: Ceriodaphnia dubia | Brine: Not Applicable |
| Duration: 96h | Source: In-House Culture | Age: <24H |
| Sample ID: 07-5783-7163 | Code: VCF1209075ac | Client: VCWPD |
| Sample Date: 07 Dec-09 16:00 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 8d (3.3 °C) | Station: MO-Ven-1 | |

Batch Note: Baseline Toxicity for TIE

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 3 | 341.3 | 331.9 | 350.7 | 318 | 372 | 4.623 | 27.74 | 8.13% | 0 |
| 43 | | 3 | 283.7 | 282.9 | 284.4 | 281 | 285 | 0.3849 | 2.309 | 0.81% | 0 |
| 86 | | 3 | 252.7 | 234.9 | 270.5 | 192 | 285 | 8.763 | 52.58 | 20.81% | 0 |
| 100 | | 3 | 158.3 | 157.1 | 159.5 | 155 | 162 | 0.5853 | 3.512 | 2.22% | 0 |
| Overall | | 12 | 259 | | | 155 | 372 | | | | 0 (0%) |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 5 | 6.42 | 5.921 | 6.919 | 4 | 7.7 | 0.2459 | 1.475 | 22.98% | 0 |
| 43 | | 5 | 6.28 | 6.004 | 6.556 | 5.2 | 6.9 | 0.1361 | 0.8167 | 13.0% | 0 |
| 86 | | 5 | 6.48 | 6.213 | 6.747 | 5.1 | 7.1 | 0.1314 | 0.7887 | 12.17% | 0 |
| 100 | | 5 | 6.24 | 6.027 | 6.453 | 5.2 | 6.7 | 0.1051 | 0.6309 | 10.11% | 0 |
| Overall | | 20 | 6.355 | | | 4 | 7.7 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 5 | 8.02 | 7.992 | 8.048 | 7.9 | 8.1 | 0.01394 | 0.08367 | 1.04% | 0 |
| 43 | | 5 | 7.86 | 7.782 | 7.938 | 7.6 | 8.1 | 0.03837 | 0.2302 | 2.93% | 0 |
| 86 | | 5 | 7.9 | 7.79 | 8.01 | 7.6 | 8.3 | 0.05401 | 0.324 | 4.1% | 0 |
| 100 | | 5 | 7.8 | 7.671 | 7.929 | 7.4 | 8.2 | 0.06346 | 0.3808 | 4.88% | 0 |
| Overall | | 20 | 7.895 | | | 7.4 | 8.3 | | | | 0 (0%) |

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| 0 | Negative Contr | 5 | 24.38 | 24.29 | 24.47 | 24.1 | 24.6 | 0.04314 | 0.2588 | 1.06% | 0 |
| 43 | | 5 | 24.26 | 24.18 | 24.34 | 24.1 | 24.6 | 0.03837 | 0.2302 | 0.95% | 0 |
| 86 | | 5 | 24.24 | 24.17 | 24.31 | 24.1 | 24.6 | 0.03455 | 0.2073 | 0.86% | 0 |
| 100 | | 5 | 24.2 | 24.12 | 24.28 | 24 | 24.6 | 0.03908 | 0.2345 | 0.97% | 0 |
| Overall | | 20 | 24.27 | | | 24 | 24.6 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 11 Jan-10 14:54 (p 2 of 2)
 Test Code: 04-9168-1791/VCF1209075ac

Aquatic Bioassay & Consulting Labs, Inc.

Ceriodaphnia 96-h Acute Survival Test

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|---|---|---|---|---|
| 0 | Negative Contr | | | | | |
| 100 | | | | | | |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|-----|-----|---|---|
| 0 | Negative Contr | 334 | 372 | 318 | | |
| 43 | | 285 | 281 | 285 | | |
| 86 | | 192 | 281 | 285 | | |
| 100 | | 155 | 158 | 162 | | |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 7 | 7.7 | 4 | 7.3 | 6.1 |
| 43 | | 6.9 | 6.8 | 6.9 | 5.6 | 5.2 |
| 86 | | 6.8 | 6.7 | 7.1 | 6.7 | 5.1 |
| 100 | | 6.7 | 6.7 | 6.5 | 5.2 | 6.1 |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|---|---|---|---|---|
| 0 | Negative Contr | | | | | |
| 100 | | | | | | |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 8 | 7.9 | 8 | 8.1 | 8.1 |
| 43 | | 8.1 | 8.1 | 7.7 | 7.6 | 7.8 |
| 86 | | 8.3 | 8.2 | 7.7 | 7.6 | 7.7 |
| 100 | | 8.2 | 8.2 | 7.4 | 7.5 | 7.7 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|------|------|------|------|------|
| 0 | Negative Contr | 24.5 | 24.1 | 24.6 | 24.6 | 24.1 |
| 43 | | 24.1 | 24.1 | 24.4 | 24.6 | 24.1 |
| 86 | | 24.2 | 24.1 | 24.1 | 24.6 | 24.2 |
| 100 | | 24.1 | 24.1 | 24 | 24.6 | 24.2 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

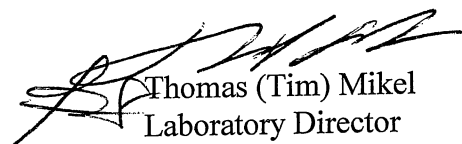
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Estuarine Organisms*, EPA/R-95/136. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | ME-CC |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.069 |

CHRONIC KELP GERMINATION AND GROWTH BIOASSAY

| | | |
|-------------|-------------------|-----------|
| Germination | NOEC = | 100.00 |
| | TU _c = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |
| Tube Length | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 11 Jan-10 13:43 (p 1 of 4)
Test Code: 03-5501-6579/VCF1209069k

| Macrocystis Germination and Germ Tube Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | |
|---|-----------------|------------|----------------------------------|--|------------------------------------|
| Analysis ID: | 11-8658-9922 | Endpoint: | Mean Length | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 11 Jan-10 13:43 | Analysis: | Parametric-Control vs Treatments | Official Results: | Yes |
| Batch ID: | 14-2501-5306 | Test Type: | Growth-Germination | Analyst: | |
| Start Date: | 08 Dec-09 12:21 | Protocol: | EPA/600/R-95/136 (1995) | Diluent: | Laboratory Seawater |
| Ending Date: | 10 Dec-09 12:21 | Species: | Macrocystis pyrifera | Brine: | Not Applicable |
| Duration: | 48h | Source: | David Gutoff | Age: | |
| Sample ID: | 01-5456-5140 | Code: | VCF1209069k | Client: | VCWPD |
| Sample Date: | 07 Dec-09 12:00 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 24h (3.3 °C) | Station: | ME-CC | | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|------|----|-------|
| Untransformed | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 6.22% |

| Dunnett's Multiple Comparison Test | | | | | | | |
|------------------------------------|----|--------|-----------|----------|--------|---------|------------------------|
| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
| Negative Control | | 6.25 | -1.57 | 2.362 | 0.9326 | 0.9970 | Non-Significant Effect |
| | | 12.5 | -1.57 | 2.362 | 0.9326 | 0.9970 | Non-Significant Effect |
| | | 25 | -2.988 | 2.362 | 0.9326 | 1.0000 | Non-Significant Effect |
| | | 50 | 2.279 | 2.362 | 0.9326 | 0.0589 | Non-Significant Effect |
| | | 100 | -1.418 | 2.362 | 0.9326 | 0.9951 | Non-Significant Effect |

| Test Acceptability | | | | |
|--------------------|-----------|------------|---------|----------------------|
| Attribute | Test Stat | TAC Limits | Overlap | Decision |
| Control Resp | 15 | 10 - NL | Yes | Result Within Limits |
| PMSD | 0.06217 | NL - 0.2 | No | Result Within Limits |

| Auxiliary Tests | | | | | | |
|-----------------|-----------------------|-----------|----------|---------|----------------------|--|
| Attribute | Test | Test Stat | Critical | P-Value | Decision | |
| Extreme Value | Grubbs Single Outlier | 2.254 | 2.908 | 0.5709 | No Outliers Detected | |

| ANOVA Table | | | | | | |
|-------------|-------------|-------------|----|--------|---------|--------------------|
| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
| Between | 12.81867 | 2.563733 | 5 | 6.576 | 0.0006 | Significant Effect |
| Error | 9.355999 | 0.3898333 | 24 | | | |
| Total | 22.17466 | 2.953566 | 29 | | | |

| ANOVA Assumptions | | | | | | |
|-------------------|---------------------------------|-----------|----------|---------|---------------------|--|
| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) | |
| Variances | Bartlett Equality of Variance | 2.479 | 15.09 | 0.7796 | Equal Variances | |
| Variances | Mod Levene Equality of Variance | 0.6296 | 4.248 | 0.6796 | Equal Variances | |
| Distribution | Shapiro-Wilk Normality | 0.9781 | | 0.7723 | Normal Distribution | |
| Distribution | Kolmogorov-Smirnov | 0.1087 | 0.1853 | 0.4767 | Normal Distribution | |
| Distribution | D'Agostino Skewness | 0.4845 | 2.576 | 0.6281 | Normal Distribution | |
| Distribution | D'Agostino Kurtosis | 0.4009 | 2.576 | 0.6885 | Normal Distribution | |
| Distribution | D'Agostino Omnibus | 0.3954 | 9.21 | 0.8206 | Normal Distribution | |

| Mean Length Summary | | | | | | | | | | | |
|---------------------|------------------|-------|-------|---------|---------|------|------|---------|---------|-------|--------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 5 | 15 | 14.75 | 15.25 | 14 | 15.7 | 0.1196 | 0.6442 | 4.3% | 0.0% |
| 6.25 | | 5 | 15.62 | 15.42 | 15.82 | 15 | 16.3 | 0.09773 | 0.5263 | 3.37% | -4.13% |
| 12.5 | | 5 | 15.62 | 15.3 | 15.94 | 14.7 | 16.9 | 0.1583 | 0.8526 | 5.46% | -4.13% |
| 25 | | 5 | 16.18 | 15.96 | 16.4 | 15.4 | 16.9 | 0.1086 | 0.5848 | 3.61% | -7.87% |
| 50 | | 5 | 14.1 | 13.85 | 14.35 | 13.3 | 15 | 0.1225 | 0.6595 | 4.68% | 6.0% |
| 100 | | 5 | 15.56 | 15.42 | 15.7 | 15.2 | 16.2 | 0.07022 | 0.3782 | 2.43% | -3.73% |

CETIS Analytical Report

Report Date: 11 Jan-10 13:43 (p 2 of 4)
 Test Code: 03-5501-6579/VCF1209069k

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

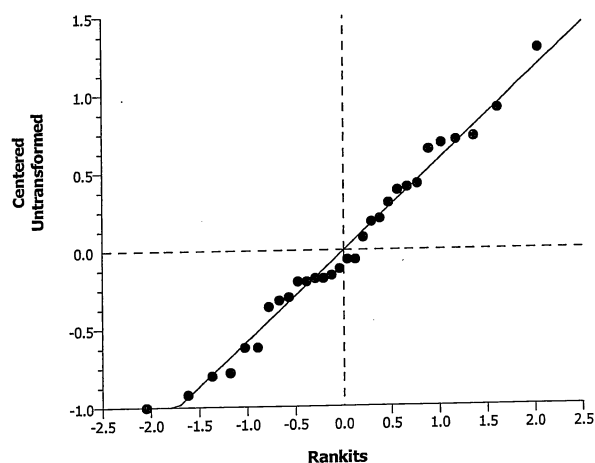
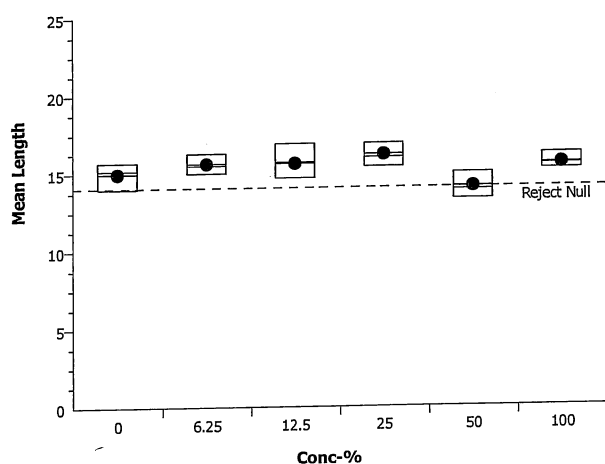
Analysis ID: 11-8658-9922 Endpoint: Mean Length
 Analyzed: 11 Jan-10 13:43 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
 Official Results: Yes

Mean Length Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 15.7 | 14 | 15.2 | 15.3 | 14.8 |
| 6.25 | | 15 | 15.3 | 16.3 | 15.5 | 16 |
| 12.5 | | 14.7 | 15 | 15.7 | 15.8 | 16.9 |
| 25 | | 16 | 16.9 | 15.4 | 16.6 | 16 |
| 50 | | 13.9 | 13.8 | 15 | 14.5 | 13.3 |
| 100 | | 15.5 | 16.2 | 15.5 | 15.4 | 15.2 |

Graphics



CETIS Analytical Report

Report Date: 11 Jan-10 13:43 (p 3 of 4)
Test Code: 03-5501-6579/VCF1209069k

Aquatic Bioassay & Consulting Labs, Inc.

Macrocystis Germination and Germ Tube Growth Test

| | | |
|-------------------------------|--|---|
| Analysis ID: 08-2681-6001 | Endpoint: Germination Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 11 Jan-10 13:42 | Analysis: Parametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 14-2501-5306 | Test Type: Growth-Germination | Analyst: |
| Start Date: 08 Dec-09 12:21 | Protocol: EPA/600/R-95/136 (1995) | Diluent: Laboratory Seawater |
| Ending Date: 10 Dec-09 12:21 | Species: Macrocystis pyrifera | Brine: Not Applicable |
| Duration: 48h | Source: David Gutoff | Age: |
| Sample ID: 01-5456-5140 | Code: VCF1209069k | Client: VCWPD |
| Sample Date: 07 Dec-09 12:00 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 24h (3.3 °C) | Station: ME-CC | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|---------------------|------|---------|-------------|------|------|------|----|-------|
| Angular (Corrected) | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 3.55% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|---------|---------|------------------------|
| Negative Control | | 6.25 | 0.7364 | 2.362 | 0.05198 | 0.5402 | Non-Significant Effect |
| | | 12.5 | 0.7308 | 2.362 | 0.05198 | 0.5428 | Non-Significant Effect |
| | | 25 | 1.829 | 2.362 | 0.05198 | 0.1337 | Non-Significant Effect |
| | | 50 | 2.136 | 2.362 | 0.05198 | 0.0775 | Non-Significant Effect |
| | | 100 | 1.042 | 2.362 | 0.05198 | 0.4014 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.906 | 0.7 - NL | Yes | Result Within Limits |
| PMSD | 0.03554 | NL - 0.2 | No | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 2.257 | 2.908 | 0.5654 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|------------------------|
| Between | 0.007469168 | 0.001493834 | 5 | 1.234 | 0.3243 | Non-Significant Effect |
| Error | 0.02906453 | 0.001211022 | 24 | | | |
| Total | 0.0365337 | 0.002704856 | 29 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 3.721 | 15.09 | 0.5902 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 0.5498 | 4.248 | 0.7365 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9622 | | 0.3526 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.1323 | 0.1853 | 0.1936 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.7813 | 2.576 | 0.4346 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 0.1158 | 2.576 | 0.9078 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 0.6239 | 9.21 | 0.7320 | Normal Distribution |

CETIS Analytical Report

Report Date: 11 Jan-10 13:43 (p 4 of 4)
Test Code: 03-5501-6579/VCF1209069k

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 08-2681-6001 Endpoint: Germination Rate
Analyzed: 11 Jan-10 13:42 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

Germination Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|-------|---------|---------|------|------|----------|---------|-------|-------|
| 0 | Negative Control | 5 | 0.906 | 0.9017 | 0.9103 | 0.89 | 0.92 | 0.002117 | 0.0114 | 1.26% | 0.0% |
| 6.25 | | 5 | 0.896 | 0.8891 | 0.9029 | 0.88 | 0.92 | 0.003373 | 0.01817 | 2.03% | 1.1% |
| 12.5 | | 5 | 0.896 | 0.8881 | 0.9039 | 0.86 | 0.91 | 0.003851 | 0.02074 | 2.31% | 1.1% |
| 25 | | 5 | 0.88 | 0.868 | 0.892 | 0.84 | 0.92 | 0.005872 | 0.03162 | 3.59% | 2.87% |
| 50 | | 5 | 0.876 | 0.8661 | 0.8859 | 0.86 | 0.92 | 0.004842 | 0.02608 | 2.98% | 3.31% |
| 100 | | 5 | 0.892 | 0.8857 | 0.8983 | 0.88 | 0.91 | 0.003051 | 0.01643 | 1.84% | 1.55% |

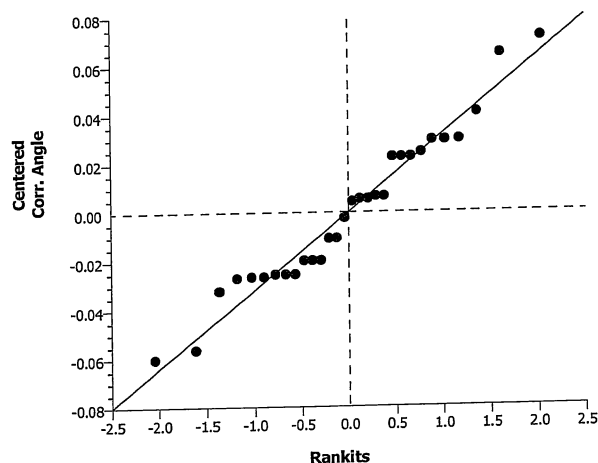
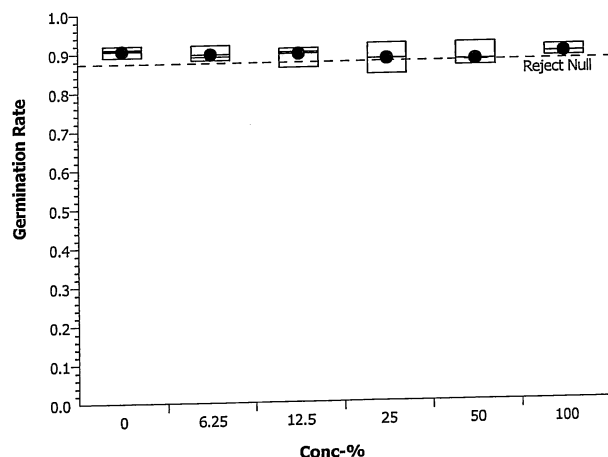
Angular (Corrected) Transformed Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|----------------|-------|-------|---------|---------|-------|-------|----------|---------|-------|-------|
| 0 | Negative Contr | 5 | 1.26 | 1.252 | 1.267 | 1.233 | 1.284 | 0.003614 | 0.01946 | 1.55% | 0.0% |
| 6.25 | | 5 | 1.243 | 1.232 | 1.255 | 1.217 | 1.284 | 0.005624 | 0.03029 | 2.44% | 1.29% |
| 12.5 | | 5 | 1.244 | 1.231 | 1.256 | 1.187 | 1.266 | 0.006047 | 0.03256 | 2.62% | 1.28% |
| 25 | | 5 | 1.219 | 1.201 | 1.238 | 1.159 | 1.284 | 0.009148 | 0.04926 | 4.04% | 3.2% |
| 50 | | 5 | 1.213 | 1.197 | 1.229 | 1.187 | 1.284 | 0.007792 | 0.04196 | 3.46% | 3.73% |
| 100 | | 5 | 1.237 | 1.226 | 1.247 | 1.217 | 1.266 | 0.004989 | 0.02686 | 2.17% | 1.82% |

Germination Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 0.91 | 0.92 | 0.89 | 0.91 | 0.9 |
| 6.25 | | 0.91 | 0.88 | 0.92 | 0.88 | 0.89 |
| 12.5 | | 0.9 | 0.9 | 0.91 | 0.86 | 0.91 |
| 25 | | 0.92 | 0.86 | 0.84 | 0.88 | 0.9 |
| 50 | | 0.86 | 0.88 | 0.86 | 0.92 | 0.86 |
| 100 | | 0.88 | 0.88 | 0.91 | 0.91 | 0.88 |

Graphics



CETIS Analytical Report

Report Date: 11 Jan-10 13:43 (p 1 of 4)
Test Code: 03-5501-6579/VCF1209069k

Aquatic Bioassay & Consulting Labs, Inc.

Macrocystis Germination and Germ Tube Growth Test

| | | |
|-------------------------------|--|---|
| Analysis ID: 09-7688-6251 | Endpoint: Mean Length | CETIS Version: CETISv1.7.0 |
| Analyzed: 11 Jan-10 13:42 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 14-2501-5306 | Test Type: Growth-Germination | Analyst: |
| Start Date: 08 Dec-09 12:21 | Protocol: EPA/600/R-95/136 (1995) | Diluent: Laboratory Seawater |
| Ending Date: 10 Dec-09 12:21 | Species: Macrocystis pyrifera | Brine: Not Applicable |
| Duration: 48h | Source: David Gutoff | Age: |
| Sample ID: 01-5456-5140 | Code: VCF1209069k | Client: VCWPD |
| Sample Date: 07 Dec-09 12:00 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 24h (3.3 °C) | Station: ME-CC | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 2981654 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 15 | 10 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 2.254 | 2.908 | 0.5709 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|------|---------|---------|----|---------|---------|
| IC5 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Mean Length Summary

| Conc-% | Control Type | Count | Calculated Variate | | | | | | |
|--------|------------------|-------|--------------------|------|------|---------|---------|-------|--------|
| | | | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 5 | 15 | 14 | 15.7 | 0.1176 | 0.6442 | 4.3% | 0.0% |
| 6.25 | | 5 | 15.62 | 15 | 16.3 | 0.09609 | 0.5263 | 3.37% | -4.13% |
| 12.5 | | 5 | 15.62 | 14.7 | 16.9 | 0.1557 | 0.8526 | 5.46% | -4.13% |
| 25 | | 5 | 16.18 | 15.4 | 16.9 | 0.1068 | 0.5848 | 3.61% | -7.87% |
| 50 | | 5 | 14.1 | 13.3 | 15 | 0.1204 | 0.6595 | 4.68% | 6.0% |
| 100 | | 5 | 15.56 | 15.2 | 16.2 | 0.06904 | 0.3782 | 2.43% | -3.73% |

Mean Length Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 15.7 | 14 | 15.2 | 15.3 | 14.8 |
| 6.25 | | 15 | 15.3 | 16.3 | 15.5 | 16 |
| 12.5 | | 14.7 | 15 | 15.7 | 15.8 | 16.9 |
| 25 | | 16 | 16.9 | 15.4 | 16.6 | 16 |
| 50 | | 13.9 | 13.8 | 15 | 14.5 | 13.3 |
| 100 | | 15.5 | 16.2 | 15.5 | 15.4 | 15.2 |

CETIS Analytical Report

Report Date: 11 Jan-10 13:43 (p 2 of 4)
Test Code: 03-5501-6579/VCF1209069k

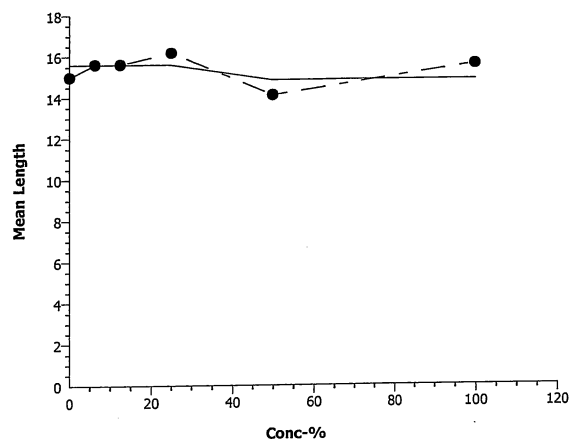
Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 09-7688-6251 Endpoint: Mean Length
Analyzed: 11 Jan-10 13:42 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 11 Jan-10 13:43 (p 3 of 4)
Test Code: 03-5501-6579/VCF1209069k

Aquatic Bioassay & Consulting Labs, Inc.

Macrocystis Germination and Germ Tube Growth Test

| | | |
|-------------------------------|--|---|
| Analysis ID: 18-8606-6141 | Endpoint: Germination Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 11 Jan-10 13:42 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 14-2501-5306 | Test Type: Growth-Germination | Analyst: |
| Start Date: 08 Dec-09 12:21 | Protocol: EPA/600/R-95/136 (1995) | Diluent: Laboratory Seawater |
| Ending Date: 10 Dec-09 12:21 | Species: Macrocystis pyrifera | Brine: Not Applicable |
| Duration: 48h | Source: David Gutoff | Age: |
| Sample ID: 01-5456-5140 | Code: VCF1209069k | Client: VCWPD |
| Sample Date: 07 Dec-09 12:00 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 24h (3.3 °C) | Station: ME-CC | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 2981654 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.906 | 0.7 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 2.257 | 2.908 | 0.5654 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|------|---------|---------|----|---------|---------|
| EC5 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Germination Rate Summary

| | | | Calculated Variate(A/B) | | | | | | | | A | B |
|--------|------------------|-------|-------------------------|------|------|----------|---------|-------|-------|--|-----|-----|
| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | | | |
| 0 | Negative Control | 5 | 0.906 | 0.89 | 0.92 | 0.002081 | 0.0114 | 1.26% | 0.0% | | 453 | 500 |
| 6.25 | | 5 | 0.896 | 0.88 | 0.92 | 0.003317 | 0.01817 | 2.03% | 1.1% | | 448 | 500 |
| 12.5 | | 5 | 0.896 | 0.86 | 0.91 | 0.003786 | 0.02074 | 2.31% | 1.1% | | 448 | 500 |
| 25 | | 5 | 0.88 | 0.84 | 0.92 | 0.005773 | 0.03162 | 3.59% | 2.87% | | 440 | 500 |
| 50 | | 5 | 0.876 | 0.86 | 0.92 | 0.004761 | 0.02608 | 2.98% | 3.31% | | 438 | 500 |
| 100 | | 5 | 0.892 | 0.88 | 0.91 | 0.003 | 0.01643 | 1.84% | 1.55% | | 446 | 500 |

Germination Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 0.91 | 0.92 | 0.89 | 0.91 | 0.9 |
| 6.25 | | 0.91 | 0.88 | 0.92 | 0.88 | 0.89 |
| 12.5 | | 0.9 | 0.9 | 0.91 | 0.86 | 0.91 |
| 25 | | 0.92 | 0.86 | 0.84 | 0.88 | 0.9 |
| 50 | | 0.86 | 0.88 | 0.86 | 0.92 | 0.86 |
| 100 | | 0.88 | 0.88 | 0.91 | 0.91 | 0.88 |

CETIS Analytical Report

Report Date: 11 Jan-10 13:43 (p 4 of 4)
Test Code: 03-5501-6579/VCF1209069k

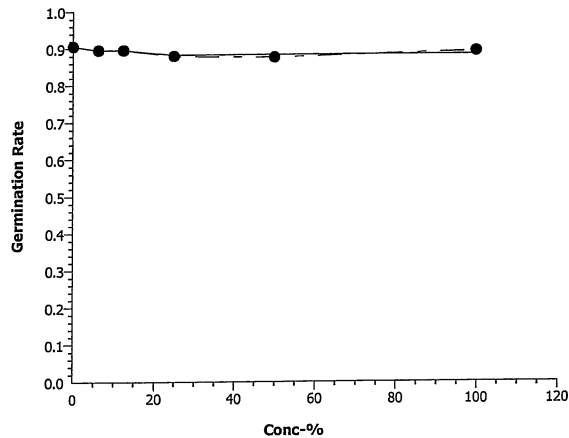
Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 18-8606-6141 Endpoint: Germination Rate
Analyzed: 11 Jan-10 13:42 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 11 Jan-10 13:43 (p 1 of 2)
Test Code: 03-5501-6579/VCF1209069k

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|-------------------------|----------|------------------------------------|
| Batch ID: | 14-2501-5306 | Test Type: | Growth-Germination | Analyst: | |
| Start Date: | 08 Dec-09 12:21 | Protocol: | EPA/600/R-95/136 (1995) | Diluent: | Laboratory Seawater |
| Ending Date: | 10 Dec-09 12:21 | Species: | Macrocystis pyrifera | Brine: | Not Applicable |
| Duration: | 48h | Source: | David Gutoff | Age: | |
| Sample ID: | 01-5456-5140 | Code: | VCF1209069k | Client: | VCWPD |
| Sample Date: | 07 Dec-09 12:00 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 24h (3.3 °C) | Station: | ME-CC | | |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 2 | 6.95 | 6.495 | 7.405 | 6 | 7.9 | 0.2239 | 1.344 | 19.33% | 0 |
| 6.25 | | 2 | 6.85 | 6.395 | 7.305 | 5.9 | 7.8 | 0.2239 | 1.344 | 19.61% | 0 |
| 12.5 | | 2 | 6.4 | 6.161 | 6.639 | 5.9 | 6.9 | 0.1179 | 0.7071 | 11.05% | 0 |
| 25 | | 2 | 6.6 | 6.121 | 7.079 | 5.6 | 7.6 | 0.2357 | 1.414 | 21.43% | 0 |
| 50 | | 2 | 6 | 5.713 | 6.287 | 5.4 | 6.6 | 0.1414 | 0.8485 | 14.14% | 0 |
| 100 | | 2 | 6.3 | 6.156 | 6.444 | 6 | 6.6 | 0.07071 | 0.4243 | 6.73% | 0 |
| Overall | | 12 | 6.517 | | | 5.4 | 7.9 | | | | 0 (0%) |

Total Ammonia (N)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|-----|----------|
| 0 | Negative Contr | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| 100 | | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| Overall | | 2 | 0 | | | 0 | 0 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 6.25 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 12.5 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 25 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 50 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 100 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| Overall | | 12 | 7.95 | | | 7.9 | 8 | | | | 0 (0%) |

Salinity-ppt

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 50 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 34 | | | 34 | 34 | | | | 0 (0%) |

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| 0 | Negative Contr | 2 | 14.95 | 14.88 | 15.02 | 14.8 | 15.1 | 0.03536 | 0.2121 | 1.42% | 0 |
| 6.25 | | 2 | 15 | 14.95 | 15.05 | 14.9 | 15.1 | 0.02357 | 0.1414 | 0.94% | 0 |
| 12.5 | | 2 | 15 | 14.95 | 15.05 | 14.9 | 15.1 | 0.02357 | 0.1414 | 0.94% | 0 |
| 25 | | 2 | 15 | 14.95 | 15.05 | 14.9 | 15.1 | 0.02357 | 0.1414 | 0.94% | 0 |
| 50 | | 2 | 15 | 14.95 | 15.05 | 14.9 | 15.1 | 0.02357 | 0.1414 | 0.94% | 0 |
| 100 | | 2 | 15 | 15 | 15 | 15 | 15 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 14.99 | | | 14.8 | 15.1 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 11 Jan-10 13:43 (p 2 of 2)
Test Code: 03-5501-6579/VCF1209069k

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|-----|
| 0 | Negative Contr | 7.9 | 6 |
| 6.25 | | 7.8 | 5.9 |
| 12.5 | | 6.9 | 5.9 |
| 25 | | 7.6 | 5.6 |
| 50 | | 6.6 | 5.4 |
| 100 | | 6.6 | 6 |

Total Ammonia (N)-mg/L

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|---|---|
| 0 | Negative Contr | 0 | |
| 100 | | 0 | |

pH-Units

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|---|-----|
| 0 | Negative Contr | 8 | 7.9 |
| 6.25 | | 8 | 7.9 |
| 12.5 | | 8 | 7.9 |
| 25 | | 8 | 7.9 |
| 50 | | 8 | 7.9 |
| 100 | | 8 | 7.9 |

Salinity-ppt

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|----|----|
| 0 | Negative Contr | 34 | 34 |
| 6.25 | | 34 | 34 |
| 12.5 | | 34 | 34 |
| 25 | | 34 | 34 |
| 50 | | 34 | 34 |
| 100 | | 34 | 34 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|------|------|
| 0 | Negative Contr | 14.8 | 15.1 |
| 6.25 | | 14.9 | 15.1 |
| 12.5 | | 14.9 | 15.1 |
| 25 | | 14.9 | 15.1 |
| 50 | | 14.9 | 15.1 |
| 100 | | 15 | 15 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms*, EPA-600/R95/136, 1995. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | ME-CC |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.069 |

CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

| | | |
|------------------|---|-----------|
| NOEC | = | 50.00 % |
| TU _c | = | 2.00 |
| IC ₂₅ | = | >100.00 % |
| IC ₅₀ | = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 11 Jan-10 10:20 (p 1 of 2)
Test Code: 06-8184-1435/VCF1209069u

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|---|---|
| Analysis ID: 15-8940-9537 | Endpoint: Fertilization Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 11 Jan-10 10:20 | Analysis: Nonparametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 15-0080-2157 | Test Type: Fertilization | Analyst: |
| Start Date: 08 Dec-09 12:01 | Protocol: EPA/600/R-95/136 (1995) | Diluent: Laboratory Seawater |
| Ending Date: 08 Dec-09 13:01 | Species: Strongylocentrotus purpuratus | Brine: Not Applicable |
| Duration: 60m | Source: David Gutoff | Age: |
| Sample ID: 06-2520-4049 | Code: VCF1209069u | Client: VCWPD |
| Sample Date: 07 Dec-09 12:00 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 24h (3.3 °C) | Station: ME-CC | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|---------------------|------|---------|-------------|------|------|-------|----|-------|
| Angular (Corrected) | 0 | C > T | Not Run | 50 | 100 | 70.71 | 2 | 0.67% |

Steel Many-One Rank Test

| Control | vs | Conc-% | Test Stat | Critical | Ties | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|------|---------|------------------------|
| Negative Control | | 6.25 | 18 | 10 | 1 | 0.8333 | Non-Significant Effect |
| | | 12.5 | 18 | 10 | 1 | 0.8333 | Non-Significant Effect |
| | | 25 | 18 | 10 | 1 | 0.8333 | Non-Significant Effect |
| | | 50 | 18 | 10 | 1 | 0.8333 | Non-Significant Effect |
| | | 100* | 10 | 10 | 0 | 0.0417 | Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 1 | 0.7 - NL | Yes | Result Within Limits |
| PMSD | 0.006716 | NL - 0.25 | No | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|------------------|
| Extreme Value | Grubbs Single Outlier | 3.532 | 2.802 | 0.0005 | Outlier Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|--------------|----|--------|---------|--------------------|
| Between | 0.1055489 | 0.02110979 | 5 | 59.63 | <0.0001 | Significant Effect |
| Error | 0.006371741 | 0.0003539856 | 18 | | | |
| Total | 0.1119207 | 0.02146377 | 23 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|-------------------------|
| Variances | Mod Levene Equality of Variance | 2.955 | 4.248 | 0.0405 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.4214 | | <0.0001 | Non-normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.4583 | 0.2056 | <0.0001 | Non-normal Distribution |
| Distribution | D'Agostino Skewness | 1.058 | 2.576 | 0.2901 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 4.072 | 2.576 | <0.0001 | Non-normal Distribution |
| Distribution | D'Agostino Omnibus | 17.7 | 9.21 | 0.0001 | Non-normal Distribution |

Report Date: 11 Jan-10 10:20 (p 2 of 2)
Test Code: 06-8184-1435/VCF1209069u

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 15-8940-9537

Endpoint: Fertilization Rate

CETIS Version: CETISv1.7.0

Analyzed: 11 Jan-10 10:20

Analysis: Nonparametric-Control vs Treatments

Official Results: Yes

Fertilization Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|---------|---------|------|------|----------|---------|-------|-------|
| 0 | Negative Control | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 6.25 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 12.5 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 25 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 50 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 100 | | 4 | 0.9475 | 0.9397 | 0.9553 | 0.92 | 0.97 | 0.003828 | 0.02062 | 2.18% | 5.25% |

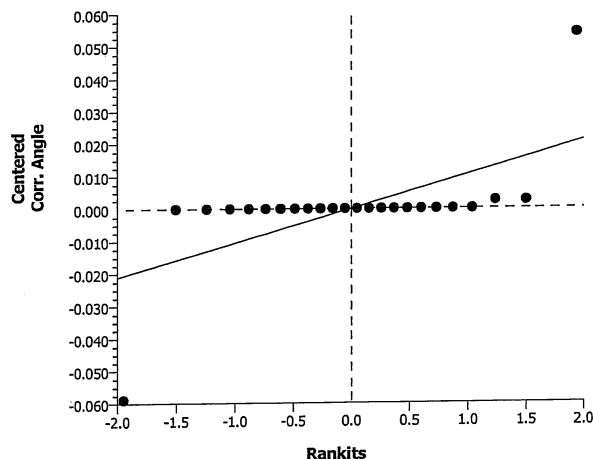
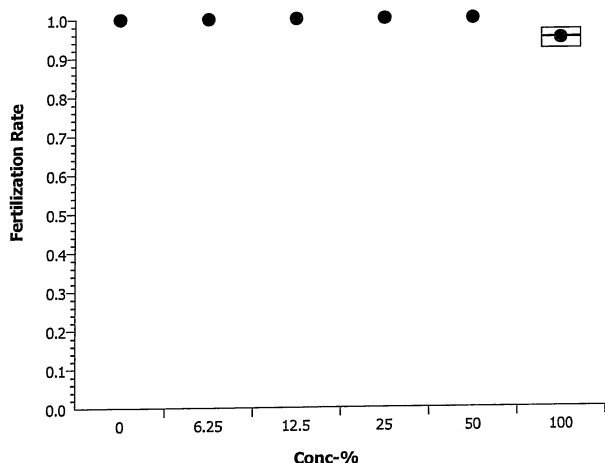
Angular (Corrected) Transformed Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|----------------|-------|-------|---------|---------|-------|-------|----------|---------|-------|-------|
| 0 | Negative Contr | 4 | 1.521 | 1.521 | 1.521 | 1.521 | 1.521 | 0 | 0 | 0.0% | 0.0% |
| 6.25 | | 4 | 1.521 | 1.521 | 1.521 | 1.521 | 1.521 | 0 | 0 | 0.0% | 0.0% |
| 12.5 | | 4 | 1.521 | 1.521 | 1.521 | 1.521 | 1.521 | 0 | 0 | 0.0% | 0.0% |
| 25 | | 4 | 1.521 | 1.521 | 1.521 | 1.521 | 1.521 | 0 | 0 | 0.0% | 0.0% |
| 50 | | 4 | 1.521 | 1.521 | 1.521 | 1.521 | 1.521 | 0 | 0 | 0.0% | 0.0% |
| 100 | | 4 | 1.343 | 1.325 | 1.36 | 1.284 | 1.397 | 0.008558 | 0.04609 | 3.43% | 11.7% |

Fertilization Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 1 | 1 |
| 100 | | 0.92 | 0.95 | 0.97 | 0.95 |

Graphics



CETIS Analytical Report

Report Date: 11 Jan-10 10:20 (p 1 of 2)
Test Code: 06-8184-1435/VCF1209069u

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 08-8885-3004
Analyzed: 11 Jan-10 10:20
Endpoint: Fertilization Rate
Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Batch ID: 15-0080-2157
Start Date: 08 Dec-09 12:01
Ending Date: 08 Dec-09 13:01
Duration: 60m
Test Type: Fertilization
Protocol: EPA/600/R-95/136 (1995)
Species: Strongylocentrotus purpuratus
Source: David Gutoff

Analyst:
Diluent: Laboratory Seawater
Brine: Not Applicable
Age:

Sample ID: 06-2520-4049
Sample Date: 07 Dec-09 12:00
Receive Date: 07 Dec-09 18:30
Sample Age: 24h (3.3 °C)
Code: VCF1209069u
Material: Sample Water
Source: Bioassay Report
Station: ME-CC

Client: VCWPD
Project: NPDES Stormwater Monitoring Progra

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 5248684 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 1 | 0.7 - NL | Yes | Result Within Limits |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|-------|---------|---------|-------|---------|---------|
| EC5 | 97.62 | 76.6 | N/A | 1.024 | N/A | 1.305 |
| EC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Fertilization Rate Summary

| Conc-% | Control Type | Count | Calculated Variate(A/B) | | | | | | | A | B |
|--------|------------------|-------|-------------------------|------|------|----------|---------|-------|-------|-----|-----|
| | | | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | | |
| 0 | Negative Control | 4 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 400 | 400 |
| 6.25 | | 4 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 400 | 400 |
| 12.5 | | 4 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 400 | 400 |
| 25 | | 4 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 400 | 400 |
| 50 | | 4 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 400 | 400 |
| 100 | | 4 | 0.9475 | 0.92 | 0.97 | 0.003764 | 0.02062 | 2.18% | 5.25% | 379 | 400 |

Fertilization Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 1 | 1 |
| 100 | | 0.92 | 0.95 | 0.97 | 0.95 |

CETIS Analytical Report

Report Date: 11 Jan-10 10:20 (p 2 of 2)
Test Code: 06-8184-1435/VCF1209069u

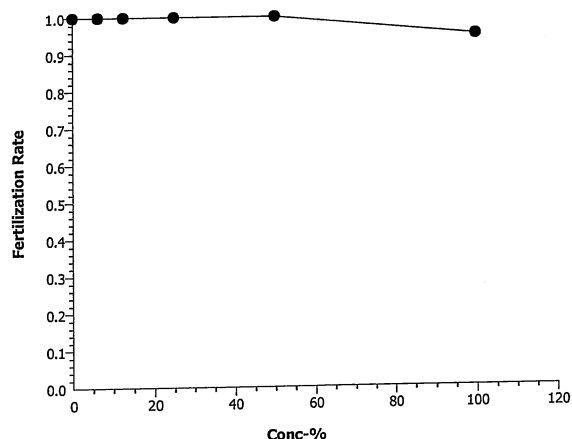
Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 08-8885-3004 Endpoint: Fertilization Rate
Analyzed: 11 Jan-10 10:20 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 11 Jan-10 10:20 (p 1 of 2)
Test Code: 06-8184-1435/VCF1209069u

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|---|
| Batch ID: 15-0080-2157 | Test Type: Fertilization | Analyst: |
| Start Date: 08 Dec-09 12:01 | Protocol: EPA/600/R-95/136 (1995) | Diluent: Laboratory Seawater |
| Ending Date: 08 Dec-09 13:01 | Species: Strongylocentrotus purpuratus | Brine: Not Applicable |
| Duration: 60m | Source: David Gutoff | Age: |
| Sample ID: 06-2520-4049 | Code: VCF1209069u | Client: VCWPD |
| Sample Date: 07 Dec-09 12:00 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 24h (3.3 °C) | Station: ME-CC | |

Parameter Acceptability

| Parameter | Min | Max | Acceptability Limits | Overlap | Decision |
|----------------|------|------|----------------------|---------|-----------------------|
| Salinity-ppt | 34 | 34 | 32 - 36 | Yes | Results Within Limits |
| Temperature-°C | 14.8 | 15.1 | 11 - 13 | Yes | Results Above Limit |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 2 | 6.95 | 6.495 | 7.405 | 6 | 7.9 | 0.2239 | 1.344 | 19.33% | 0 |
| 6.25 | | 2 | 6.85 | 6.395 | 7.305 | 5.9 | 7.8 | 0.2239 | 1.344 | 19.61% | 0 |
| 12.5 | | 2 | 6.5 | 6.309 | 6.691 | 6.1 | 6.9 | 0.09428 | 0.5657 | 8.7% | 0 |
| 25 | | 2 | 6.5 | 6.309 | 6.691 | 6.1 | 6.9 | 0.09428 | 0.5657 | 8.7% | 0 |
| 50 | | 2 | 6.4 | 6.209 | 6.591 | 6 | 6.8 | 0.09428 | 0.5657 | 8.84% | 0 |
| 100 | | 2 | 6.3 | 6.109 | 6.491 | 5.9 | 6.7 | 0.09428 | 0.5657 | 8.98% | 0 |
| Overall | | 12 | 6.583 | | | 5.9 | 7.9 | | | | 0 (0%) |

Total Ammonia (N)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|-----|----------|
| 0 | Negative Contr | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| 6.25 | | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| 12.5 | | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| 25 | | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| 50 | | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| 100 | | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| Overall | | 6 | 0 | | | 0 | 0 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 6.25 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 12.5 | | 2 | 8 | 7.952 | 8.048 | 7.9 | 8.1 | 0.02357 | 0.1414 | 1.77% | 0 |
| 25 | | 2 | 8 | 7.952 | 8.048 | 7.9 | 8.1 | 0.02357 | 0.1414 | 1.77% | 0 |
| 50 | | 2 | 8 | 7.952 | 8.048 | 7.9 | 8.1 | 0.02357 | 0.1414 | 1.77% | 0 |
| 100 | | 2 | 8 | 7.952 | 8.048 | 7.9 | 8.1 | 0.02357 | 0.1414 | 1.77% | 0 |
| Overall | | 12 | 7.983 | | | 7.9 | 8.1 | | | | 0 (0%) |

Salinity-ppt

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 50 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 34 | | | 34 | 34 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 11 Jan-10 10:20 (p 2 of 2)
Test Code: 06-8184-1435/VCF1209069u

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

| Temperature-°C | | | | | | | | | | | |
|----------------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 2 | 14.95 | 14.88 | 15.02 | 14.8 | 15.1 | 0.03536 | 0.2121 | 1.42% | 0 |
| 6.25 | | 2 | 15 | 14.95 | 15.05 | 14.9 | 15.1 | 0.02357 | 0.1414 | 0.94% | 0 |
| 12.5 | | 2 | 15 | 14.95 | 15.05 | 14.9 | 15.1 | 0.02357 | 0.1414 | 0.94% | 0 |
| 25 | | 2 | 15 | 14.95 | 15.05 | 14.9 | 15.1 | 0.02357 | 0.1414 | 0.94% | 0 |
| 50 | | 2 | 15 | 14.95 | 15.05 | 14.9 | 15.1 | 0.02357 | 0.1414 | 0.94% | 0 |
| 100 | | 2 | 14.95 | 14.88 | 15.02 | 14.8 | 15.1 | 0.03536 | 0.2121 | 1.42% | 0 |
| Overall | | 12 | 14.98 | | | 14.8 | 15.1 | | | | 0 (0%) |

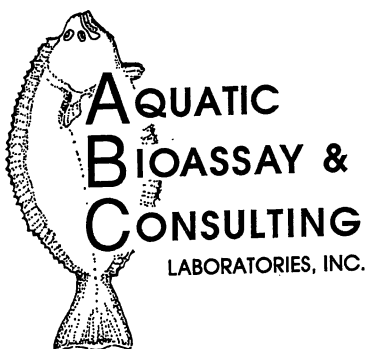
| Dissolved Oxygen-mg/L | | | |
|-----------------------|----------------|-----|-----|
| Conc-% | Control Type | 1 | 2 |
| 0 | Negative Contr | 7.9 | 6 |
| 6.25 | | 7.8 | 5.9 |
| 12.5 | | 6.9 | 6.1 |
| 25 | | 6.9 | 6.1 |
| 50 | | 6.8 | 6 |
| 100 | | 6.7 | 5.9 |

| Total Ammonia (N)-mg/L | | | |
|------------------------|----------------|---|---|
| Conc-% | Control Type | 1 | 2 |
| 0 | Negative Contr | 0 | |
| 6.25 | | 0 | |
| 12.5 | | 0 | |
| 25 | | 0 | |
| 50 | | 0 | |
| 100 | | 0 | |

| pH-Units | | | |
|----------|----------------|-----|-----|
| Conc-% | Control Type | 1 | 2 |
| 0 | Negative Contr | 8 | 7.9 |
| 6.25 | | 8 | 7.9 |
| 12.5 | | 8.1 | 7.9 |
| 25 | | 8.1 | 7.9 |
| 50 | | 8.1 | 7.9 |
| 100 | | 8.1 | 7.9 |

| Salinity-ppt | | | |
|--------------|----------------|----|----|
| Conc-% | Control Type | 1 | 2 |
| 0 | Negative Contr | 34 | 34 |
| 6.25 | | 34 | 34 |
| 12.5 | | 34 | 34 |
| 25 | | 34 | 34 |
| 50 | | 34 | 34 |
| 100 | | 34 | 34 |

| Temperature-°C | | | |
|----------------|----------------|------|------|
| Conc-% | Control Type | 1 | 2 |
| 0 | Negative Contr | 14.8 | 15.1 |
| 6.25 | | 14.9 | 15.1 |
| 12.5 | | 14.9 | 15.1 |
| 25 | | 14.9 | 15.1 |
| 50 | | 14.9 | 15.1 |
| 100 | | 14.8 | 15.1 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

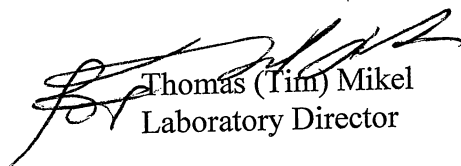
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Estuarine Organisms*, EPA/821/R-02-014. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | ME-CC |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.069 |

CHRONIC MENIDIA SURVIVAL AND GROWTH BIOASSAY

| | | |
|----------|--------------------|-----------|
| Survival | NOEC = | 100.00 |
| | TU _c = | 1.00 |
| | IC ₂₅ = | >100.00 % |
| | IC ₅₀ = | >100.00 % |
| Biomass | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC ₂₅ = | >100.00 % |
| | IC ₅₀ = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 07 Jan-10 10:46 (p 1 of 4)
Test Code: 13-4900-2173/VCF1209069m

Aquatic Bioassay & Consulting Labs, Inc.

Inland Silverside 7-d Larval Survival and Growth Test

| | | |
|-------------------------------|-----------------------------------|---|
| Analysis ID: 02-1850-9396 | Endpoint: Mean Dry Biomass-mg | CETIS Version: CETISv1.7.0 |
| Analyzed: 07 Jan-10 10:46 | Analysis: Parametric-Two Sample | Official Results: Yes |
| Batch ID: 14-3589-2919 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 16:01 | Protocol: EPA/821/R-02-014 (2002) | Diluent: Laboratory Seawater |
| Ending Date: 15 Dec-09 14:00 | Species: Menidia beryllina | Brine: Not Applicable |
| Duration: 6d 22h | Source: Aquatic Biosystems, CO | Age: 7-10 |
| Sample ID: 17-1512-2451 | Code: VCF1209069m | Client: VCWPD |
| Sample Date: 07 Dec-09 12:00 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 28h (3.3 °C) | Station: ME-CC | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|------|----|--------|
| Untransformed | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 20.53% |

Equal Variance t Two-Sample Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|---------|---------|------------------------|
| Negative Control | | 6.25 | 0.3008 | 1.943 | 0.1453 | 0.3868 | Non-Significant Effect |
| | | 12.5 | 0.2137 | 1.943 | 0.1637 | 0.4189 | Non-Significant Effect |
| | | 25* | 2.425 | 1.943 | 0.1002 | 0.0258 | Significant Effect |
| | | 50 | -2.013 | 1.943 | 0.05189 | 0.9546 | Non-Significant Effect |
| | | 100 | -1.427 | 1.943 | 0.1249 | 0.8983 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|-------------|---------|----------------------|
| Control Resp | 0.6085 | 0.5 - NL | Yes | Result Within Limits |
| PMSD | 0.2053 | 0.11 - 0.28 | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 1.822 | 2.802 | 1.0000 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|------------------------|
| Between | 0.1107831 | 0.02215662 | 5 | 1.806 | 0.1624 | Non-Significant Effect |
| Error | 0.2207848 | 0.01226582 | 18 | | | |
| Total | 0.3315679 | 0.03442245 | 23 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 8.566 | 15.09 | 0.1277 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 6.075 | 4.248 | 0.0018 | Unequal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9639 | | 0.5221 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.08769 | 0.2056 | 1.0000 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.3272 | 2.576 | 0.7435 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 1.293 | 2.576 | 0.1961 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 1.778 | 9.21 | 0.4110 | Normal Distribution |

Mean Dry Biomass-mg Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|---------|---------|-------|-------|----------|---------|--------|---------|
| 0 | Negative Control | 4 | 0.6085 | 0.5924 | 0.6246 | 0.568 | 0.668 | 0.007864 | 0.04235 | 6.96% | 0.0% |
| 6.25 | | 4 | 0.586 | 0.5314 | 0.6406 | 0.448 | 0.737 | 0.02664 | 0.1434 | 24.48% | 3.7% |
| 12.5 | | 4 | 0.5905 | 0.5285 | 0.6525 | 0.412 | 0.748 | 0.03028 | 0.1631 | 27.62% | 2.96% |
| 25 | | 4 | 0.4835 | 0.4477 | 0.5193 | 0.36 | 0.581 | 0.01745 | 0.09399 | 19.44% | 20.54% |
| 50 | | 4 | 0.6622 | 0.6499 | 0.6746 | 0.634 | 0.704 | 0.006043 | 0.03254 | 4.91% | -8.83% |
| 100 | | 4 | 0.7003 | 0.6541 | 0.7464 | 0.549 | 0.814 | 0.02254 | 0.1214 | 17.34% | -15.08% |

CETIS Analytical Report

Report Date: 07 Jan-10 10:46 (p 2 of 4)

Test Code: 13-4900-2173/CF1209069m

Aquatic Bioassay & Consulting Labs, Inc.

Inland Silverside 7-d Larval Survival and Growth Test

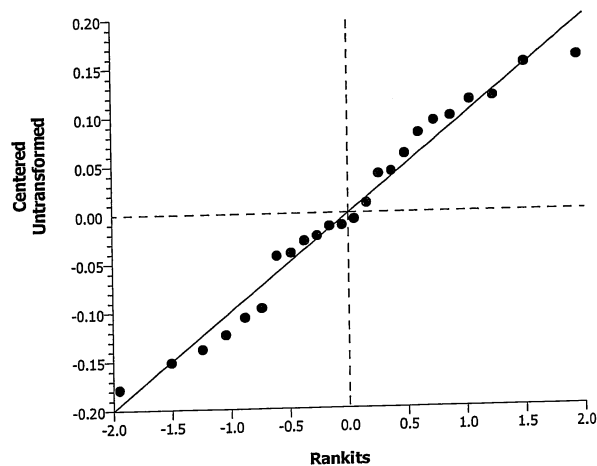
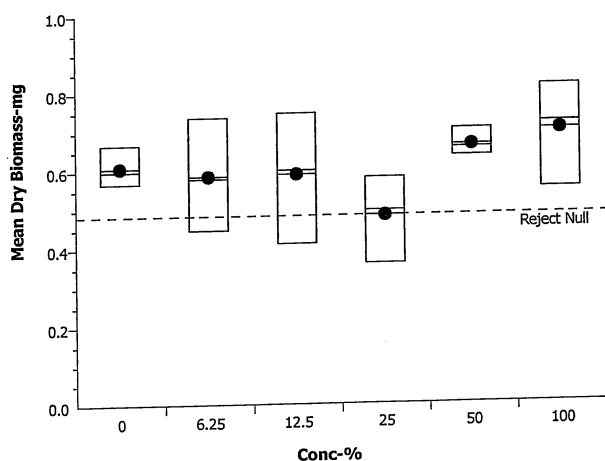
Analysis ID: 02-1850-9396
 Analyzed: 07 Jan-10 10:46
 Endpoint: Mean Dry Biomass-mg
 Analysis: Parametric-Two Sample

CETIS Version: CETISv1.7.0
 Official Results: Yes

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 0.596 | 0.602 | 0.668 | 0.568 |
| 6.25 | | 0.679 | 0.737 | 0.48 | 0.448 |
| 12.5 | | 0.748 | 0.494 | 0.412 | 0.708 |
| 25 | | 0.581 | 0.47 | 0.523 | 0.36 |
| 50 | | 0.704 | 0.672 | 0.634 | 0.639 |
| 100 | | 0.549 | 0.781 | 0.657 | 0.814 |

Graphics



CETIS Analytical Report

Report Date: 07 Jan-10 10:46 (p 3 of 4)
Test Code: 13-4900-2173/VCF1209069m

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|---|
| Analysis ID: 11-5772-1090 | Endpoint: 7d Survival Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 07 Jan-10 10:40 | Analysis: Parametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 14-3589-2919 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 16:01 | Protocol: EPA/821/R-02-014 (2002) | Diluent: Laboratory Seawater |
| Ending Date: 15 Dec-09 14:00 | Species: Menidia beryllina | Brine: Not Applicable |
| Duration: 6d 22h | Source: Aquatic Biosystems, CO | Age: 7-10 |
| Sample ID: 17-1512-2451 | Code: VCF1209069m | Client: VCWPD |
| Sample Date: 07 Dec-09 12:00 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 28h (3.3 °C) | Station: ME-CC | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|---------------------|------|---------|-------------|------|------|------|----|--------|
| Angular (Corrected) | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 17.32% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|--------|---------|------------------------|
| Negative Control | | 6.25 | 0.3552 | 2.407 | 0.1965 | 0.7083 | Non-Significant Effect |
| | | 12.5 | -0.9336 | 2.407 | 0.1965 | 0.9794 | Non-Significant Effect |
| | | 25 | 1.467 | 2.407 | 0.1965 | 0.2388 | Non-Significant Effect |
| | | 50 | -1.433 | 2.407 | 0.1965 | 0.9949 | Non-Significant Effect |
| | | 100 | -1.433 | 2.407 | 0.1965 | 0.9949 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.875 | 0.8 - NL | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 2.034 | 2.802 | 0.8262 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|------------------------|
| Between | 0.1760204 | 0.03520408 | 5 | 2.641 | 0.0584 | Non-Significant Effect |
| Error | 0.2399063 | 0.01332813 | 18 | | | |
| Total | 0.4159268 | 0.04853221 | 23 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 3.538 | 15.09 | 0.6176 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 1.445 | 4.248 | 0.2561 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9381 | | 0.1480 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.1775 | 0.2056 | 0.0489 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.8354 | 2.576 | 0.4035 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 0.7698 | 2.576 | 0.4414 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 1.29 | 9.21 | 0.5246 | Normal Distribution |

CETIS Analytical Report

Report Date: 07 Jan-10 10:46 (p 4 of 4)
Test Code: 13-4900-2173/VCF1209069m

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 11-5772-1090 Endpoint: 7d Survival Rate
Analyzed: 07 Jan-10 10:40 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

7d Survival Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|-------|---------|---------|-----|-----|----------|---------|--------|--------|
| 0 | Negative Control | 4 | 0.875 | 0.856 | 0.894 | 0.8 | 0.9 | 0.009285 | 0.05 | 5.71% | 0.0% |
| 6.25 | | 4 | 0.85 | 0.812 | 0.888 | 0.7 | 0.9 | 0.01857 | 0.1 | 11.76% | 2.86% |
| 12.5 | | 4 | 0.925 | 0.906 | 0.944 | 0.9 | 1 | 0.009285 | 0.05 | 5.41% | -5.71% |
| 25 | | 4 | 0.775 | 0.7179 | 0.8321 | 0.6 | 0.9 | 0.02785 | 0.15 | 19.35% | 11.43% |
| 50 | | 4 | 0.95 | 0.928 | 0.972 | 0.9 | 1 | 0.01072 | 0.05773 | 6.08% | -8.57% |
| 100 | | 4 | 0.95 | 0.928 | 0.972 | 0.9 | 1 | 0.01072 | 0.05773 | 6.08% | -8.57% |

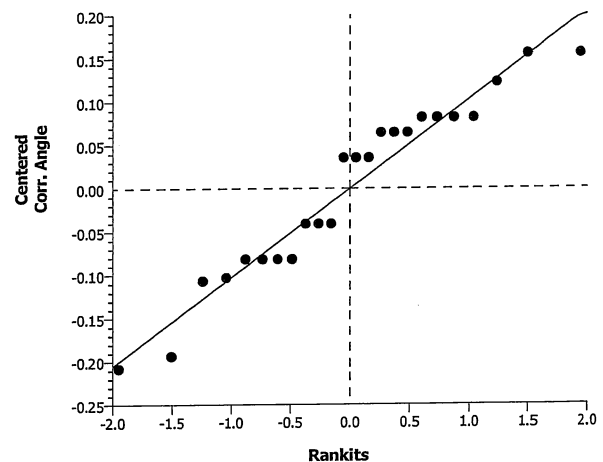
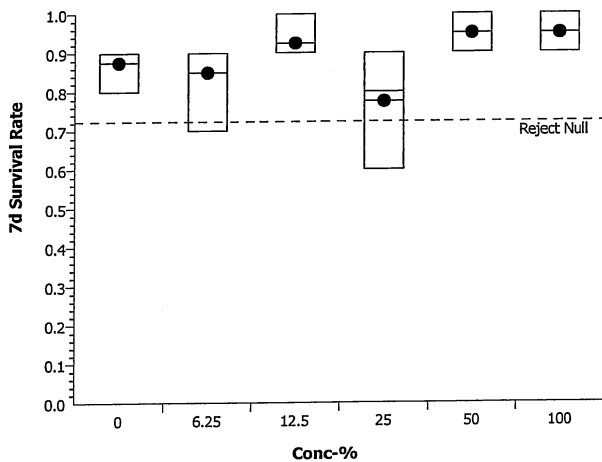
Angular (Corrected) Transformed Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|----------------|-------|-------|---------|---------|--------|-------|---------|---------|--------|--------|
| 0 | Negative Contr | 4 | 1.214 | 1.187 | 1.241 | 1.107 | 1.249 | 0.01317 | 0.07095 | 5.85% | 0.0% |
| 6.25 | | 4 | 1.185 | 1.136 | 1.234 | 0.9912 | 1.249 | 0.02394 | 0.1289 | 10.89% | 2.39% |
| 12.5 | | 4 | 1.29 | 1.259 | 1.321 | 1.249 | 1.412 | 0.01513 | 0.08149 | 6.32% | -6.28% |
| 25 | | 4 | 1.094 | 1.024 | 1.164 | 0.8861 | 1.249 | 0.03422 | 0.1843 | 16.85% | 9.87% |
| 50 | | 4 | 1.331 | 1.295 | 1.366 | 1.249 | 1.412 | 0.01747 | 0.09409 | 7.07% | -9.64% |
| 100 | | 4 | 1.331 | 1.295 | 1.366 | 1.249 | 1.412 | 0.01747 | 0.09409 | 7.07% | -9.64% |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 0.9 | 0.9 | 0.8 | 0.9 |
| 6.25 | | 0.7 | 0.9 | 0.9 | 0.9 |
| 12.5 | | 1 | 0.9 | 0.9 | 0.9 |
| 25 | | 0.9 | 0.9 | 0.7 | 0.6 |
| 50 | | 1 | 0.9 | 1 | 0.9 |
| 100 | | 0.9 | 1 | 0.9 | 1 |

Graphics



CETIS Analytical Report

Report Date: 07 Jan-10 10:46 (p 1 of 4)

Test Code: 13-4900-2173/VCF1209069m

Inland Silverside 7-d Larval Survival and Growth Test Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|---|
| Analysis ID: 05-6998-3643 | Endpoint: Mean Dry Biomass-mg | CETIS Version: CETISv1.7.0 |
| Analyzed: 07 Jan-10 10:44 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 14-3589-2919 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 16:01 | Protocol: EPA/821/R-02-014 (2002) | Diluent: Laboratory Seawater |
| Ending Date: 15 Dec-09 14:00 | Species: Menidia beryllina | Brine: Not Applicable |
| Duration: 6d 22h | Source: Aquatic Biosystems, CO | Age: 7-10 |
| Sample ID: 17-1512-2451 | Code: VCF1209069m | Client: VCWPD |
| Sample Date: 07 Dec-09 12:00 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 28h (3.3 °C) | Station: ME-CC | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 5334240 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.6085 | 0.5 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 1.822 | 2.802 | 1.0000 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|------|---------|---------|----|---------|---------|
| IC5 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Mean Dry Biomass-mg Summary

| | | | Calculated Variate | | | | | | |
|--------|------------------|-------|--------------------|-------|-------|----------|---------|--------|---------|
| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 4 | 0.6085 | 0.568 | 0.668 | 0.007732 | 0.04235 | 6.96% | 0.0% |
| 6.25 | | 4 | 0.586 | 0.448 | 0.737 | 0.02619 | 0.1434 | 24.48% | 3.7% |
| 12.5 | | 4 | 0.5905 | 0.412 | 0.748 | 0.02977 | 0.1631 | 27.62% | 2.96% |
| 25 | | 4 | 0.4835 | 0.36 | 0.581 | 0.01716 | 0.09399 | 19.44% | 20.54% |
| 50 | | 4 | 0.6622 | 0.634 | 0.704 | 0.005942 | 0.03254 | 4.91% | -8.83% |
| 100 | | 4 | 0.7003 | 0.549 | 0.814 | 0.02216 | 0.1214 | 17.34% | -15.08% |

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 0.596 | 0.602 | 0.668 | 0.568 |
| 6.25 | | 0.679 | 0.737 | 0.48 | 0.448 |
| 12.5 | | 0.748 | 0.494 | 0.412 | 0.708 |
| 25 | | 0.581 | 0.47 | 0.523 | 0.36 |
| 50 | | 0.704 | 0.672 | 0.634 | 0.639 |
| 100 | | 0.549 | 0.781 | 0.657 | 0.814 |

CETIS Analytical Report

Report Date: 07 Jan-10 10:46 (p 2 of 4)

Test Code: 13-4900-2173/VCF1209069m

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 05-6998-3643

Endpoint: Mean Dry Biomass-mg

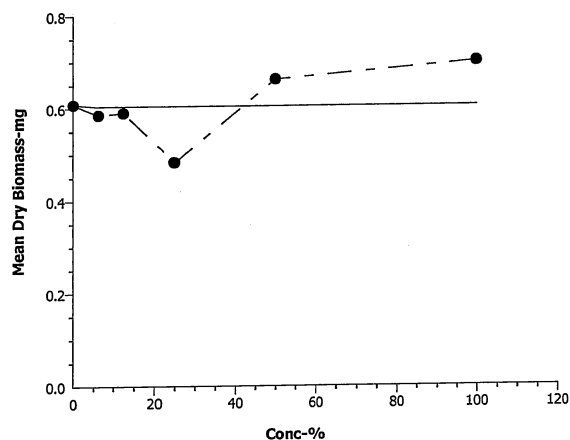
CETIS Version: CETISv1.7.0

Analyzed: 07 Jan-10 10:44

Analysis: Linear Interpolation (ICPIN)

Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 07 Jan-10 10:46 (p 3 of 4)
Test Code: 13-4900-2173/VCF1209069m

| Inland Silverside 7-d Larval Survival and Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | |
|---|-----------------|------------|------------------------------|--|------------------------------------|
| Analysis ID: | 14-0639-7704 | Endpoint: | 7d Survival Rate | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 07 Jan-10 10:40 | Analysis: | Linear Interpolation (ICPIN) | Official Results: | Yes |
| Batch ID: | 14-3589-2919 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 16:01 | Protocol: | EPA/821/R-02-014 (2002) | Diluent: | Laboratory Seawater |
| Ending Date: | 15 Dec-09 14:00 | Species: | Menidia beryllina | Brine: | Not Applicable |
| Duration: | 6d 22h | Source: | Aquatic Biosystems, CO | Age: | 7-10 |
| Sample ID: | 17-1512-2451 | Code: | VCF1209069m | Client: | VCWPD |
| Sample Date: | 07 Dec-09 12:00 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 28h (3.3 °C) | Station: | ME-CC | | |

| Linear Interpolation Options | | | | | |
|------------------------------|-------------|---------|-----------|------------|-------------------------|
| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
| Linear | Linear | 7055475 | 280 | Yes | Two-Point Interpolation |

| Test Acceptability | | | | |
|--------------------|-----------|------------|---------|----------------------|
| Attribute | Test Stat | TAC Limits | Overlap | Decision |
| Control Resp | 0.875 | 0.8 - NL | Yes | Result Within Limits |

| Residual Analysis | | | | | |
|-------------------|----------------------|-----------|----------|---------|----------------------|
| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
| Extreme Value | Grubbs Extreme Value | 2.034 | 2.802 | 0.8262 | No Outliers Detected |

| Point Estimates | | | | | | |
|-----------------|------|---------|---------|----|---------|---------|
| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
| EC5 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC50 | >100 | N/A | N/A | <1 | N/A | N/A |

| 7d Survival Rate Summary | | | Calculated Variate(A/B) | | | | | | | | |
|--------------------------|------------------|-------|-------------------------|-----|-----|----------|---------|--------|--------|----|----|
| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | A | B |
| 0 | Negative Control | 4 | 0.875 | 0.8 | 0.9 | 0.009129 | 0.05 | 5.71% | 0.0% | 35 | 40 |
| 6.25 | | 4 | 0.85 | 0.7 | 0.9 | 0.01826 | 0.1 | 11.76% | 2.86% | 34 | 40 |
| 12.5 | | 4 | 0.925 | 0.9 | 1 | 0.009129 | 0.05 | 5.41% | -5.71% | 37 | 40 |
| 25 | | 4 | 0.775 | 0.6 | 0.9 | 0.02739 | 0.15 | 19.35% | 11.43% | 31 | 40 |
| 50 | | 4 | 0.95 | 0.9 | 1 | 0.01054 | 0.05773 | 6.08% | -8.57% | 38 | 40 |
| 100 | | 4 | 0.95 | 0.9 | 1 | 0.01054 | 0.05773 | 6.08% | -8.57% | 38 | 40 |

| 7d Survival Rate Detail | | | | | |
|-------------------------|------------------|-------|-------|-------|-------|
| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
| 0 | Negative Control | 0.9 | 0.9 | 0.8 | 0.9 |
| 6.25 | | 0.7 | 0.9 | 0.9 | 0.9 |
| 12.5 | | 1 | 0.9 | 0.9 | 0.9 |
| 25 | | 0.9 | 0.9 | 0.7 | 0.6 |
| 50 | | 1 | 0.9 | 1 | 0.9 |
| 100 | | 0.9 | 1 | 0.9 | 1 |

CETIS Analytical Report

Report Date: 07 Jan-10 10:46 (p 4 of 4)
Test Code: 13-4900-2173/VCF1209069m

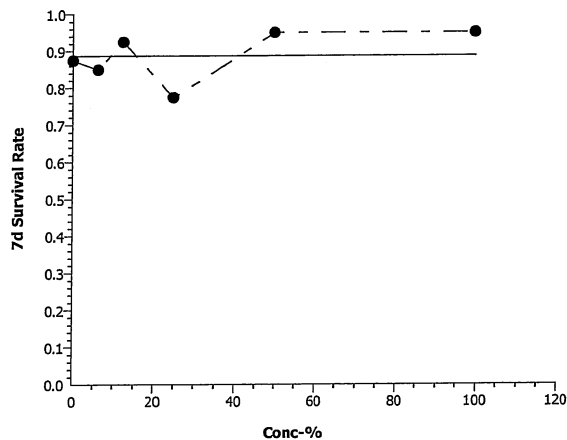
Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 14-0639-7704 Endpoint: 7d Survival Rate
Analyzed: 07 Jan-10 10:40 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 07 Jan-10 10:46 (p 1 of 2)
Test Code: 13-4900-2173/VCF1209069m

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|-------------------------|----------|------------------------------------|
| Batch ID: | 14-3589-2919 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 16:01 | Protocol: | EPA/821/R-02-014 (2002) | Diluent: | Laboratory Seawater |
| Ending Date: | 15 Dec-09 14:00 | Species: | Menidia beryllina | Brine: | Not Applicable |
| Duration: | 6d 22h | Source: | Aquatic Biosystems, CO | Age: | 7-10 |
| Sample ID: | 17-1512-2451 | Code: | VCF1209069m | Client: | VCWPD |
| Sample Date: | 07 Dec-09 12:00 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 28h (3.3 °C) | Station: | ME-CC | | |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 6.5 | 6.335 | 6.665 | 6 | 7 | 0.08116 | 0.487 | 7.49% | 0 |
| 6.25 | | 8 | 6.363 | 6.135 | 6.59 | 5.1 | 7 | 0.112 | 0.6718 | 10.56% | 0 |
| 12.5 | | 8 | 6.338 | 6.135 | 6.54 | 5.4 | 6.9 | 0.09958 | 0.5975 | 9.43% | 0 |
| 25 | | 8 | 6.338 | 6.154 | 6.521 | 5.6 | 6.9 | 0.09039 | 0.5423 | 8.56% | 0 |
| 50 | | 8 | 6.313 | 6.144 | 6.481 | 5.7 | 6.9 | 0.08283 | 0.497 | 7.87% | 0 |
| 100 | | 8 | 6.375 | 6.156 | 6.594 | 5.7 | 7.6 | 0.1079 | 0.6475 | 10.16% | 0 |
| Overall | | 48 | 6.371 | | | 5.1 | 7.6 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 7.888 | 7.866 | 7.909 | 7.8 | 8 | 0.01068 | 0.06408 | 0.81% | 0 |
| 6.25 | | 8 | 7.888 | 7.866 | 7.909 | 7.8 | 8 | 0.01068 | 0.06408 | 0.81% | 0 |
| 12.5 | | 8 | 7.838 | 7.807 | 7.868 | 7.7 | 7.9 | 0.01527 | 0.09161 | 1.17% | 0 |
| 25 | | 8 | 7.838 | 7.807 | 7.868 | 7.7 | 7.9 | 0.01527 | 0.09161 | 1.17% | 0 |
| 50 | | 8 | 7.863 | 7.832 | 7.893 | 7.7 | 8 | 0.01527 | 0.09161 | 1.17% | 0 |
| 100 | | 8 | 7.95 | 7.815 | 8.085 | 7.7 | 8.9 | 0.06667 | 0.4 | 5.03% | 0 |
| Overall | | 48 | 7.877 | | | 7.7 | 8.9 | | | | 0 (0%) |

Salinity-ppt

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 25 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 50 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 48 | 34 | | | 34 | 34 | | | | 0 (0%) |

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|------|----------|---------|-------|----------|
| 0 | Negative Contr | 8 | 24.05 | 24.03 | 24.07 | 24 | 24.1 | 0.00889 | 0.05334 | 0.22% | 0 |
| 6.25 | | 8 | 24.05 | 24.01 | 24.09 | 24 | 24.3 | 0.01782 | 0.1069 | 0.44% | 0 |
| 12.5 | | 8 | 24.04 | 24.02 | 24.05 | 24 | 24.1 | 0.008611 | 0.05167 | 0.22% | 0 |
| 25 | | 8 | 24.05 | 24.02 | 24.08 | 24 | 24.2 | 0.01259 | 0.07553 | 0.31% | 0 |
| 50 | | 8 | 24.08 | 24.05 | 24.1 | 24 | 24.2 | 0.01177 | 0.0706 | 0.29% | 0 |
| 100 | | 8 | 24.08 | 24.05 | 24.1 | 24 | 24.2 | 0.01476 | 0.08857 | 0.37% | 0 |
| Overall | | 48 | 24.06 | | | 24 | 24.3 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 07 Jan-10 10:46 (p 2 of 2)
 Test Code: 13-4900-2173/VCF1209069m

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 6 | 6 | 6 | 7 | 6.9 | 7 | 6.9 | 6.2 |
| 6.25 | | 6.9 | 5.8 | 5.1 | 6.3 | 6.8 | 7 | 6.9 | 6.1 |
| 12.5 | | 6.9 | 5.7 | 5.4 | 6.2 | 6.7 | 6.9 | 6.9 | 6 |
| 25 | | 6.9 | 5.8 | 5.6 | 6.1 | 6.7 | 5.9 | 6.8 | 6.9 |
| 50 | | 6.9 | 5.8 | 5.7 | 6.1 | 6.5 | 6.7 | 6.9 | 5.9 |
| 100 | | 7.6 | 5.7 | 6 | 6.3 | 6.7 | 6.9 | 5.9 | 5.9 |

pH-Units

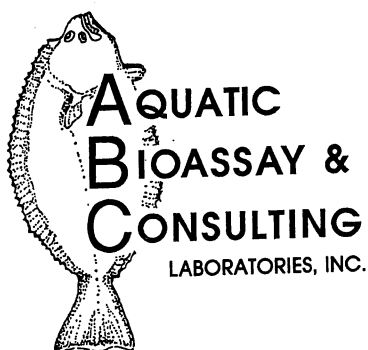
| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 7.9 | 7.8 | 7.8 | 8 | 7.9 | 7.9 | 7.9 | 7.9 |
| 6.25 | | 7.9 | 7.8 | 7.8 | 8 | 7.9 | 7.9 | 7.9 | 7.9 |
| 12.5 | | 7.9 | 7.9 | 7.7 | 7.7 | 7.8 | 7.9 | 7.9 | 7.9 |
| 25 | | 7.9 | 7.9 | 7.7 | 7.7 | 7.8 | 7.9 | 7.9 | 7.9 |
| 50 | | 8 | 7.9 | 7.8 | 7.7 | 7.8 | 7.9 | 7.9 | 7.9 |
| 100 | | 8.9 | 8 | 7.9 | 7.7 | 7.8 | 7.7 | 7.7 | 7.9 |

Salinity-ppt

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 6.25 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 12.5 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 25 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 50 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 100 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|------|------|------|------|------|------|
| 0 | Negative Contr | 24 | 24 | 24.1 | 24.1 | 24 | 24 | 24.1 | 24.1 |
| 6.25 | | 24 | 24 | 24 | 24.1 | 24.3 | 24 | 24 | 24 |
| 12.5 | | 24 | 24 | 24.1 | 24.1 | 24.1 | 24 | 24 | 24 |
| 25 | | 24 | 24 | 24.2 | 24.1 | 24.1 | 24 | 24 | 24 |
| 50 | | 24 | 24 | 24.2 | 24.1 | 24.1 | 24.1 | 24.1 | 24 |
| 100 | | 24 | 24 | 24.2 | 24.1 | 24 | 24.1 | 24.2 | 24 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Estuarine Organisms*, EPA/821/R-02-014. Results were as follows:

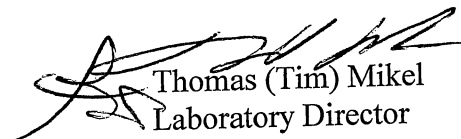
| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | ME-CC |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.069 |

CHRONIC TOPSMELT SURVIVAL AND GROWTH BIOASSAY

| | | |
|----------|--------------------|-----------|
| Survival | NOEC = | <50.00 |
| | TU _c = | >2.00 |
| | IC ₂₅ = | 60.42 % |
| | IC ₅₀ = | >100.00 % |

| | | |
|---------|--------------------|----------|
| Biomass | NOEC = | <50.00 % |
| | TU _c = | >2.00 |
| | IC ₂₅ = | 42.84 % |
| | IC ₅₀ = | 79.91 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 07 Jan-10 14:31 (p 1 of 4)
Test Code: 10-6336-5275/VCF1209069t

Pacific Topsmelt 7-d Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|---|
| Analysis ID: 06-7336-5944 | Endpoint: Mean Dry Biomass-mg | CETIS Version: CETISv1.7.0 |
| Analyzed: 07 Jan-10 14:30 | Analysis: Parametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 11-3559-8903 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 16:00 | Protocol: EPA/821/R-02-014 (2002) | Diluent: Laboratory Seawater |
| Ending Date: 15 Dec-09 14:00 | Species: Atherinops affinis | Brine: Not Applicable |
| Duration: 6d 22h | Source: Aquatic Biosystems, CO | Age: 9-15 |
| Sample ID: 07-7123-0343 | Code: VCF1209069t | Client: VCWPD |
| Sample Date: 07 Dec-09 12:00 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 28h (3.3 °C) | Station: ME-CC | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|------|----|-------|
| Untransformed | 0 | C > T | Not Run | <50 | 50 | N/A | >2 | 26.3% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|--------|---------|--------------------|
| Negative Control | | 50* | 2.339 | 2.108 | 0.3107 | 0.0334 | Significant Effect |
| | | 100* | 5.129 | 2.108 | 0.3107 | 0.0002 | Significant Effect |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 1.972 | 2.548 | 0.5306 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|--------------------|
| Between | 1.432518 | 0.716259 | 2 | 13.19 | 0.0009 | Significant Effect |
| Error | 0.6518132 | 0.05431777 | 12 | | | |
| Total | 2.084331 | 0.7705768 | 14 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 0.8433 | 9.21 | 0.6560 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 0.2072 | 8.022 | 0.8166 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9525 | | 0.5648 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.1317 | 0.2542 | 0.7738 | Normal Distribution |
| Distribution | D'Agostino Skewness | 1.07 | 2.576 | 0.2845 | Normal Distribution |

Mean Dry Biomass-mg Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|---------|---------|-------|-------|---------|---------|--------|--------|
| 0 | Negative Control | 5 | 1.182 | 1.117 | 1.246 | 1.008 | 1.436 | 0.0315 | 0.1696 | 14.36% | 0.0% |
| 50 | | 5 | 0.8368 | 0.7457 | 0.9279 | 0.446 | 1.066 | 0.04447 | 0.2395 | 28.62% | 29.18% |
| 100 | | 5 | 0.4256 | 0.3202 | 0.531 | 0 | 0.76 | 0.05147 | 0.2772 | 65.12% | 63.98% |

CETIS Analytical Report

Report Date: 07 Jan-10 14:31 (p 2 of 4)
 Test Code: 10-6336-5275/VCF1209069t

Pacific Topsmelt 7-d Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

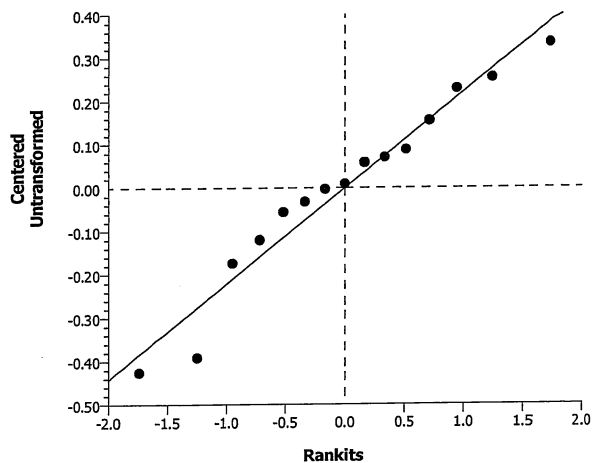
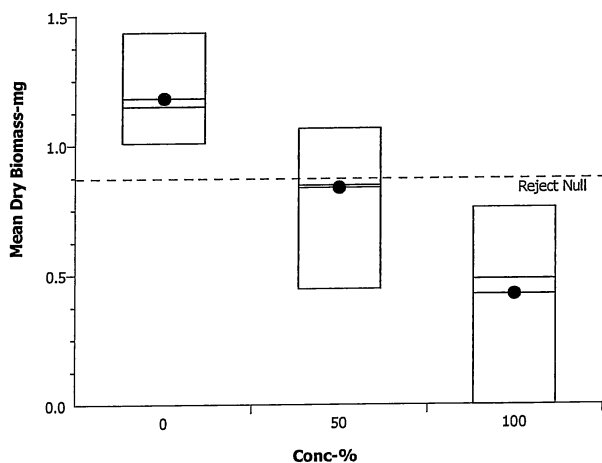
Analysis ID: 06-7336-5944 Endpoint: Mean Dry Biomass-mg
 Analyzed: 07 Jan-10 14:30 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
 Official Results: Yes

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 1.062 | 1.436 | 1.008 | 1.252 | 1.15 |
| 50 | | 0.446 | 0.992 | 1.066 | 0.834 | 0.846 |
| 100 | | 0.484 | 0.514 | 0.37 | 0.76 | 0 |

Graphics



CETIS Analytical Report

Report Date: 07 Jan-10 14:31 (p 3 of 4)
Test Code: 10-6336-5275/VCF1209069t

Aquatic Bioassay & Consulting Labs, Inc.

Pacific Topsmelt 7-d Survival and Growth Test

| | | |
|-------------------------------|--|---|
| Analysis ID: 20-9819-0038 | Endpoint: 7d Survival Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 07 Jan-10 14:30 | Analysis: Parametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 11-3559-8903 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 16:00 | Protocol: EPA/821/R-02-014 (2002) | Diluent: Laboratory Seawater |
| Ending Date: 15 Dec-09 14:00 | Species: Atherinops affinis | Brine: Not Applicable |
| Duration: 6d 22h | Source: Aquatic Biosystems, CO | Age: 9-15 |
| Sample ID: 07-7123-0343 | Code: VCF1209069t | Client: VCWPD |
| Sample Date: 07 Dec-09 12:00 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 28h (3.3 °C) | Station: ME-CC | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|---------------------|------|---------|-------------|------|------|------|----|--------|
| Angular (Corrected) | 0 | C > T | Not Run | <50 | 50 | N/A | >2 | 18.38% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|--------|---------|--------------------|
| Negative Control | | 50* | 2.274 | 2.108 | 0.2176 | 0.0375 | Significant Effect |
| | | 100* | 4.762 | 2.108 | 0.2176 | 0.0004 | Significant Effect |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 1.677 | 2.548 | 1.0000 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|--------------------|
| Between | 0.6045653 | 0.3022827 | 2 | 11.35 | 0.0017 | Significant Effect |
| Error | 0.3196584 | 0.0266382 | 12 | | | |
| Total | 0.9242237 | 0.3289209 | 14 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|-------------------------|
| Variances | Mod Levene Equality of Variance | 1.74 | 8.022 | 0.2297 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.8429 | | 0.0138 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.3 | 0.2542 | 0.0008 | Non-normal Distribution |
| Distribution | D'Agostino Skewness | 0.8473 | 2.576 | 0.3968 | Normal Distribution |

7d Survival Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|------|---------|---------|-----|-----|---------|---------|--------|-------|
| 0 | Negative Control | 5 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 50 | | 5 | 0.8 | 0.7462 | 0.8538 | 0.6 | 1 | 0.02626 | 0.1414 | 17.68% | 20.0% |
| 100 | | 5 | 0.56 | 0.4767 | 0.6433 | 0.4 | 0.8 | 0.04068 | 0.2191 | 39.12% | 44.0% |

Angular (Corrected) Transformed Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|----------------|-------|--------|---------|---------|--------|-------|---------|---------|--------|--------|
| 0 | Negative Contr | 5 | 1.345 | 1.345 | 1.345 | 1.345 | 1.345 | 0 | 0 | 0.0% | 0.0% |
| 50 | | 5 | 1.111 | 1.049 | 1.172 | 0.8861 | 1.345 | 0.03016 | 0.1624 | 14.63% | 17.45% |
| 100 | | 5 | 0.8537 | 0.7657 | 0.9417 | 0.6847 | 1.107 | 0.04297 | 0.2314 | 27.1% | 36.54% |

CETIS Analytical Report

Report Date: 07 Jan-10 14:31 (p 4 of 4)
Test Code: 10-6336-5275/VCF1209069t

Pacific Topsmelt 7-d Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

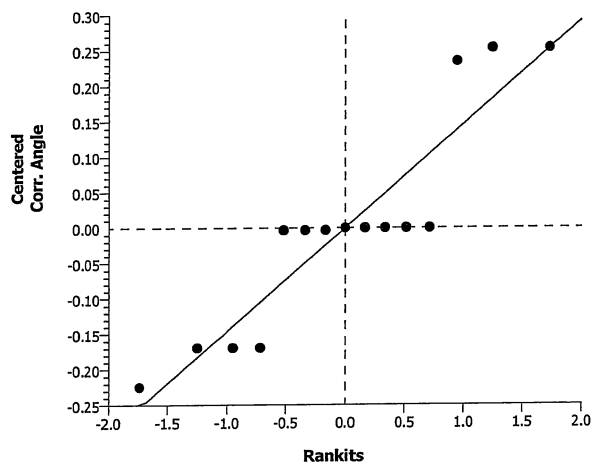
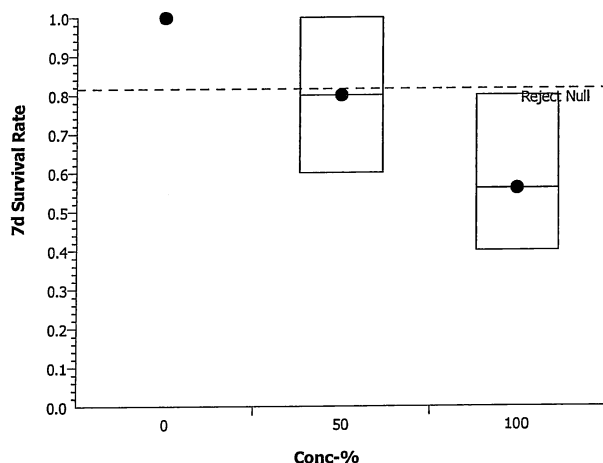
Analysis ID: 20-9819-0038 Endpoint: 7d Survival Rate
Analyzed: 07 Jan-10 14:30 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 1 | 1 | 1 | 1 |
| 50 | | 0.6 | 0.8 | 1 | 0.8 | 0.8 |
| 100 | | 0.4 | 0.4 | 0.4 | 0.8 | 0.8 |

Graphics



CETIS Analytical Report

Report Date: 07 Jan-10 14:31 (p 1 of 4)

Test Code: 10-6336-5275/VCF1209069t

Pacific Topsmelt 7-d Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 13-9838-1916
 Analyzed: 07 Jan-10 14:30
 Endpoint: Mean Dry Biomass-mg
 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
 Official Results: Yes

Batch ID: 11-3559-8903
 Start Date: 08 Dec-09 16:00
 Ending Date: 15 Dec-09 14:00
 Duration: 6d 22h
 Test Type: Growth-Survival (7d)
 Protocol: EPA/821/R-02-014 (2002)
 Species: Atherinops affinis
 Source: Aquatic Biosystems, CO

Analyst:
 Diluent: Laboratory Seawater
 Brine: Not Applicable
 Age: 9-15

Sample ID: 07-7123-0343
 Sample Date: 07 Dec-09 12:00
 Receive Date: 07 Dec-09 18:30
 Sample Age: 28h (3.3 °C)
 Code: VCF1209069t
 Material: Sample Water
 Source: Bioassay Report
 Station: ME-CC

Client: VCWPD
 Project: NPDES Stormwater Monitoring Progra

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 7747401 | 280 | Yes | Two-Point Interpolation |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 1.972 | 2.548 | 0.5306 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|-------|---------|---------|-------|---------|---------|
| IC5 | 8.567 | 3.414 | 24.72 | 11.67 | 4.045 | 29.29 |
| IC10 | 17.13 | 6.829 | 49.45 | 5.836 | 2.022 | 14.64 |
| IC15 | 25.7 | 10.24 | 66.1 | 3.891 | 1.513 | 9.763 |
| IC20 | 34.27 | 13.66 | 69.67 | 2.918 | 1.435 | 7.322 |
| IC25 | 42.84 | 17.07 | 74.12 | 2.334 | 1.349 | 5.858 |
| IC40 | 65.54 | 28.81 | 99.97 | 1.526 | 1 | 3.471 |
| IC50 | 79.91 | 38.72 | N/A | 1.251 | N/A | 2.582 |

Mean Dry Biomass-mg Summary

Calculated Variate

| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|-------|-------|---------|---------|--------|--------|
| 0 | Negative Control | 5 | 1.182 | 1.008 | 1.436 | 0.03097 | 0.1696 | 14.36% | 0.0% |
| 50 | | 5 | 0.8368 | 0.446 | 1.066 | 0.04373 | 0.2395 | 28.62% | 29.18% |
| 100 | | 5 | 0.4256 | 0 | 0.76 | 0.0506 | 0.2772 | 65.12% | 63.98% |

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 1.062 | 1.436 | 1.008 | 1.252 | 1.15 |
| 50 | | 0.446 | 0.992 | 1.066 | 0.834 | 0.846 |
| 100 | | 0.484 | 0.514 | 0.37 | 0.76 | 0 |

CETIS Analytical Report

Report Date: 07 Jan-10 14:31 (p 2 of 4)
Test Code: 10-6336-5275/VCF1209069t

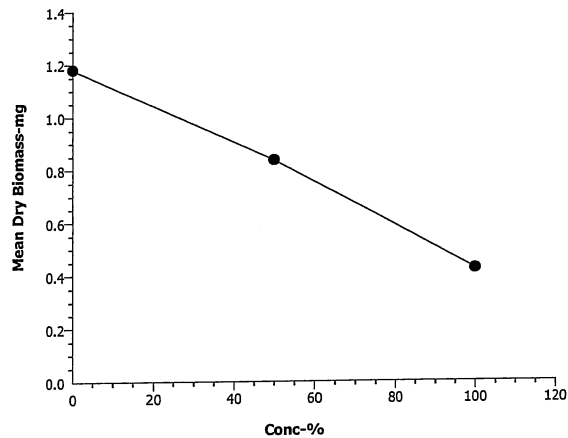
Pacific Topsmelt 7-d Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 13-9838-1916 Endpoint: Mean Dry Biomass-mg
Analyzed: 07 Jan-10 14:30 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 07 Jan-10 14:31 (p 3 of 4)
Test Code: 10-6336-5275/CF1209069t

Pacific Topsmelt 7-d Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|---|
| Analysis ID: 20-3550-9931 | Endpoint: 7d Survival Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 07 Jan-10 14:30 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 11-3559-8903 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 16:00 | Protocol: EPA/821/R-02-014 (2002) | Diluent: Laboratory Seawater |
| Ending Date: 15 Dec-09 14:00 | Species: Atherinops affinis | Brine: Not Applicable |
| Duration: 6d 22h | Source: Aquatic Biosystems, CO | Age: 9-15 |
| Sample ID: 07-7123-0343 | Code: VCF1209069t | Client: VCWPD |
| Sample Date: 07 Dec-09 12:00 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 28h (3.3 °C) | Station: ME-CC | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 7747401 | 280 | Yes | Two-Point Interpolation |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 1.677 | 2.548 | 1.0000 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|-------|---------|---------|-------|---------|---------|
| EC5 | 12.5 | 5.469 | 40.63 | 8 | 2.462 | 18.29 |
| EC10 | 25 | 10.94 | 65.91 | 4 | 1.517 | 9.143 |
| EC15 | 37.5 | 16.41 | 70.31 | 2.667 | 1.422 | 6.095 |
| EC20 | 50 | 21.88 | 82.14 | 2 | 1.217 | 4.571 |
| EC25 | 60.42 | 28.39 | 101 | 1.655 | 0.9897 | 3.523 |
| EC40 | 91.67 | 62.5 | N/A | 1.091 | N/A | 1.6 |
| EC50 | >100 | N/A | N/A | <1 | N/A | N/A |

7d Survival Rate Summary

| | | Calculated Variate(A/B) | | | | | | | | | |
|--------|------------------|-------------------------|------|-----|-----|---------|---------|--------|-------|----|----|
| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | A | B |
| 0 | Negative Control | 5 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 25 | 25 |
| 50 | | 5 | 0.8 | 0.6 | 1 | 0.02582 | 0.1414 | 17.68% | 20.0% | 20 | 25 |
| 100 | | 5 | 0.56 | 0.4 | 0.8 | 0.04 | 0.2191 | 39.12% | 44.0% | 14 | 25 |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 1 | 1 | 1 | 1 |
| 50 | | 0.6 | 0.8 | 1 | 0.8 | 0.8 |
| 100 | | 0.4 | 0.4 | 0.4 | 0.8 | 0.8 |

CETIS Analytical Report

Report Date: 07 Jan-10 14:31 (p 4 of 4)
Test Code: 10-6336-5275/VCF1209069t

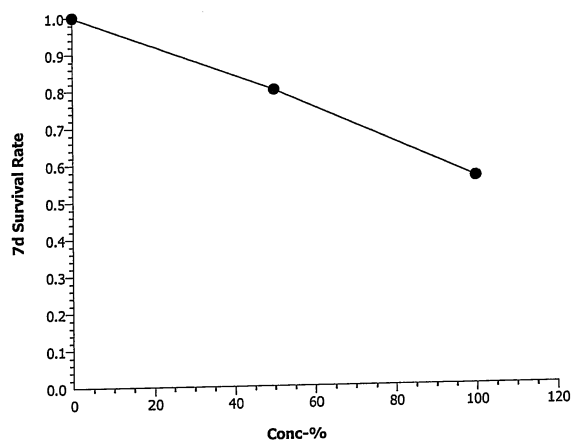
Pacific Topsmelt 7-d Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 20-3550-9931 Endpoint: 7d Survival Rate
Analyzed: 07 Jan-10 14:30 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 07 Jan-10 14:31 (p 1 of 2)
 Test Code: 10-6336-5275/VCF1209069t

Pacific Topsmelt 7-d Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|-------------------------|----------|------------------------------------|
| Batch ID: | 11-3559-8903 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 16:00 | Protocol: | EPA/821/R-02-014 (2002) | Diluent: | Laboratory Seawater |
| Ending Date: | 15 Dec-09 14:00 | Species: | Atherinops affinis | Brine: | Not Applicable |
| Duration: | 6d 22h | Source: | Aquatic Biosystems, CO | Age: | 9-15 |
| Sample ID: | 07-7123-0343 | Code: | VCF1209069t | Client: | VCWPD |
| Sample Date: | 07 Dec-09 12:00 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 28h (3.3 °C) | Station: | ME-CC | | |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 6.475 | 6.299 | 6.651 | 5.8 | 7 | 0.08672 | 0.5203 | 8.04% | 0 |
| 50 | | 8 | 6.575 | 6.347 | 6.803 | 5.7 | 7.7 | 0.1122 | 0.6735 | 10.24% | 0 |
| 100 | | 8 | 6.513 | 6.284 | 6.741 | 5.6 | 7.6 | 0.1125 | 0.6749 | 10.36% | 0 |
| Overall | | 24 | 6.521 | | | 5.6 | 7.7 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 7.888 | 7.866 | 7.909 | 7.8 | 8 | 0.01068 | 0.06408 | 0.81% | 0 |
| 50 | | 8 | 7.9 | 7.874 | 7.926 | 7.8 | 8 | 0.0126 | 0.07559 | 0.96% | 0 |
| 100 | | 8 | 7.925 | 7.895 | 7.955 | 7.8 | 8.1 | 0.01477 | 0.08864 | 1.12% | 0 |
| Overall | | 24 | 7.904 | | | 7.8 | 8.1 | | | | 0 (0%) |

Salinity-ppt

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 50 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 24 | 34 | | | 34 | 34 | | | | 0 (0%) |

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|------|----------|---------|-------|----------|
| 0 | Negative Contr | 8 | 21.03 | 21 | 21.05 | 21 | 21.2 | 0.01179 | 0.07071 | 0.34% | 0 |
| 50 | | 8 | 21.01 | 21 | 21.02 | 21 | 21.1 | 0.005895 | 0.03537 | 0.17% | 0 |
| 100 | | 8 | 21.01 | 21 | 21.02 | 21 | 21.1 | 0.005895 | 0.03537 | 0.17% | 0 |
| Overall | | 24 | 21.02 | | | 21 | 21.2 | | | | 0 (0%) |




CETIS Measurement Report

Report Date: 07 Jan-10 14:31 (p 2 of 2)
Test Code: 10-6336-5275/VCF1209069t

Pacific Topsmelt 7-d Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 6 | 6 | 5.8 | 7 | 6.9 | 7 | 6.9 | 6.2 |
| 50 | | 7.7 | 5.8 | 5.7 | 6.7 | 6.7 | 7 | 6.9 | 6.1 |
| 100 | | 7.6 | 5.7 | 5.6 | 6.6 | 6.7 | 6.9 | 6.9 | 6.1 |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 7.9 | 7.8 | 7.8 | 8 | 7.9 | 7.9 | 7.9 | 7.9 |
| 50 | | 8 | 7.8 | 7.8 | 8 | 7.9 | 7.9 | 7.9 | 7.9 |
| 100 | | 8.1 | 8 | 7.9 | 7.8 | 7.9 | 7.9 | 7.9 | 7.9 |

Salinity-ppt

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 50 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 100 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|------|----|----|----|----|----|
| 0 | Negative Contr | 21 | 21 | 21.2 | 21 | 21 | 21 | 21 | 21 |
| 50 | | 21 | 21 | 21.1 | 21 | 21 | 21 | 21 | 21 |
| 100 | | 21 | 21 | 21.1 | 21 | 21 | 21 | 21 | 21 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

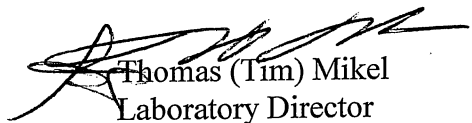
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Estuarine Organisms*, EPA/R-95/136. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | ME-SCR |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.070 |

CHRONIC KELP GERMINATION AND GROWTH BIOASSAY

| | | |
|-------------|-------------------|-----------|
| Germination | NOEC = | 100.00 |
| | TU _c = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |
| Tube Length | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 11 Jan-10 13:57 (p 1 of 4)
Test Code: 02-3808-5470/VCF1209070k

Aquatic Bioassay & Consulting Labs, Inc.

Macrocystis Germination and Germ Tube Growth Test

| | | |
|-------------------------------|--|---|
| Analysis ID: 03-4889-5385 | Endpoint: Mean Length | CETIS Version: CETISv1.7.0 |
| Analyzed: 11 Jan-10 13:56 | Analysis: Parametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 05-5527-8979 | Test Type: Growth-Germination | Analyst: |
| Start Date: 08 Dec-09 12:26 | Protocol: EPA/600/R-95/136 (1995) | Diluent: Laboratory Seawater |
| Ending Date: 10 Dec-09 12:26 | Species: Macrocystis pyrifera | Brine: Not Applicable |
| Duration: 48h | Source: David Gutoff | Age: |
| Sample ID: 08-0576-6959 | Code: VCF1209070k | Client: VCWPD |
| Sample Date: 07 Dec-09 16:30 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 20h (3.3 °C) | Station: ME-SCR | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|------|----|-------|
| Untransformed | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 5.35% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|--------|---------|------------------------|
| Negative Control | | 6.25 | 0.7173 | 2.362 | 0.8561 | 0.5491 | Non-Significant Effect |
| | | 12.5 | 0.5517 | 2.362 | 0.8561 | 0.6241 | Non-Significant Effect |
| | | 25 | 0.4414 | 2.362 | 0.8561 | 0.6722 | Non-Significant Effect |
| | | 50 | 1.6 | 2.362 | 0.8561 | 0.1930 | Non-Significant Effect |
| | | 100 | 0.3862 | 2.362 | 0.8561 | 0.6953 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 16 | 10 - NL | Yes | Result Within Limits |
| PMSD | 0.05351 | NL - 0.2 | No | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 2.301 | 2.908 | 0.4913 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|------------------------|
| Between | 0.9496679 | 0.1899336 | 5 | 0.5782 | 0.7162 | Non-Significant Effect |
| Error | 7.884 | 0.3285 | 24 | | | |
| Total | 8.833668 | 0.5184336 | 29 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 2.598 | 15.09 | 0.7616 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 0.2416 | 4.248 | 0.9387 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9814 | | 0.8604 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.08932 | 0.1853 | 0.8269 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.1216 | 2.576 | 0.9032 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 0.4206 | 2.576 | 0.6740 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 0.1917 | 9.21 | 0.9086 | Normal Distribution |

Mean Length Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|-------|---------|---------|------|------|---------|---------|-------|-------|
| 0 | Negative Control | 5 | 16 | 15.74 | 16.26 | 15.5 | 17.2 | 0.128 | 0.6892 | 4.31% | 0.0% |
| 6.25 | | 5 | 15.74 | 15.58 | 15.9 | 15.3 | 16.3 | 0.08052 | 0.4336 | 2.76% | 1.63% |
| 12.5 | | 5 | 15.8 | 15.67 | 15.93 | 15.3 | 16.2 | 0.06565 | 0.3536 | 2.24% | 1.25% |
| 25 | | 5 | 15.84 | 15.56 | 16.12 | 14.8 | 16.7 | 0.1343 | 0.7232 | 4.57% | 1.0% |
| 50 | | 5 | 15.42 | 15.22 | 15.62 | 14.6 | 16 | 0.09685 | 0.5215 | 3.38% | 3.63% |
| 100 | | 5 | 15.86 | 15.62 | 16.1 | 14.8 | 16.3 | 0.1157 | 0.6229 | 3.93% | 0.88% |

CETIS Analytical Report

Report Date: 11 Jan-10 13:57 (p 2 of 4)
 Test Code: 02-3808-5470/VCF1209070k

Aquatic Bioassay & Consulting Labs, Inc.

Macrocystis Germination and Germ Tube Growth Test

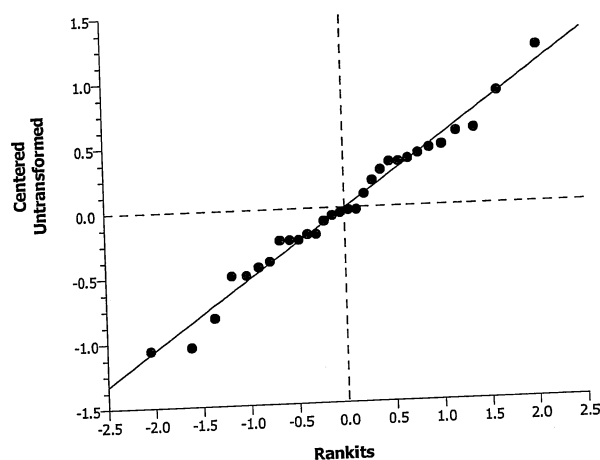
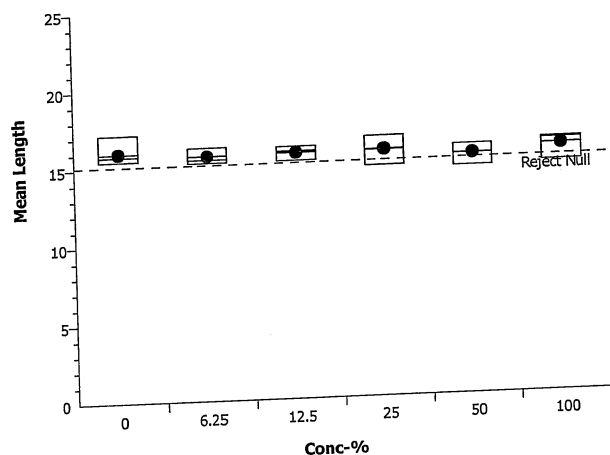
Analysis ID: 03-4889-5385 Endpoint: Mean Length
 Analyzed: 11 Jan-10 13:56 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
 Official Results: Yes

Mean Length Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 15.5 | 15.6 | 15.8 | 17.2 | 15.9 |
| 6.25 | | 15.5 | 16.3 | 16.1 | 15.5 | 15.3 |
| 12.5 | | 15.9 | 16.2 | 16 | 15.3 | 15.6 |
| 25 | | 15.8 | 15.6 | 16.7 | 16.3 | 14.8 |
| 50 | | 15.4 | 15.7 | 14.6 | 16 | 15.4 |
| 100 | | 16.3 | 16.2 | 16.2 | 14.8 | 15.8 |

Graphics



CETIS Analytical Report

Report Date: 11 Jan-10 13:57 (p 3 of 4)
Test Code: 02-3808-5470/VCF1209070k

Macrocystis Germination and Germ Tube Growth Test Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|---|
| Analysis ID: 02-8354-6072 | Endpoint: Germination Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 11 Jan-10 13:56 | Analysis: Parametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 05-5527-8979 | Test Type: Growth-Germination | Analyst: |
| Start Date: 08 Dec-09 12:26 | Protocol: EPA/600/R-95/136 (1995) | Diluent: Laboratory Seawater |
| Ending Date: 10 Dec-09 12:26 | Species: Macrocystis pyrifera | Brine: Not Applicable |
| Duration: 48h | Source: David Gutoff | Age: |
| Sample ID: 08-0576-6959 | Code: VCF1209070k | Client: VCWPD |
| Sample Date: 07 Dec-09 16:30 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 20h (3.3 °C) | Station: ME-SCR | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|---------------------|------|---------|-------------|------|------|------|----|-------|
| Angular (Corrected) | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 4.68% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|---------|---------|------------------------|
| Negative Control | | 6.25 | 0.04243 | 2.362 | 0.06645 | 0.8205 | Non-Significant Effect |
| | | 12.5 | 0.04134 | 2.362 | 0.06645 | 0.8208 | Non-Significant Effect |
| | | 25 | -0.2333 | 2.362 | 0.06645 | 0.8930 | Non-Significant Effect |
| | | 50 | -0.6611 | 2.362 | 0.06645 | 0.9593 | Non-Significant Effect |
| | | 100 | 0.8119 | 2.362 | 0.06645 | 0.5054 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.896 | 0.7 - NL | Yes | Result Within Limits |
| PMSD | 0.04682 | NL - 0.2 | No | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 1.783 | 2.908 | 1.0000 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|--------------|----|--------|---------|------------------------|
| Between | 0.004568989 | 0.0009137979 | 5 | 0.4617 | 0.8007 | Non-Significant Effect |
| Error | 0.04750495 | 0.001979373 | 24 | | | |
| Total | 0.05207394 | 0.002893171 | 29 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 1.099 | 15.09 | 0.9542 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 0.2561 | 4.248 | 0.9312 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9556 | | 0.2386 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.1477 | 0.1853 | 0.0936 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.08389 | 2.576 | 0.9331 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 1.758 | 2.576 | 0.0788 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 3.097 | 9.21 | 0.2126 | Normal Distribution |

CETIS Analytical Report

Report Date: 11 Jan-10 13:57 (p 4 of 4)
Test Code: 02-3808-5470/VCF1209070k

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 02-8354-6072
Analyzed: 11 Jan-10 13:56
Endpoint: Germination Rate
Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

Germination Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|-------|---------|---------|------|------|----------|---------|-------|--------|
| 0 | Negative Control | 5 | 0.896 | 0.8838 | 0.9082 | 0.85 | 0.93 | 0.00596 | 0.03209 | 3.58% | 0.0% |
| 6.25 | | 5 | 0.896 | 0.8872 | 0.9048 | 0.88 | 0.93 | 0.004275 | 0.02302 | 2.57% | 0.0% |
| 12.5 | | 5 | 0.896 | 0.8861 | 0.9059 | 0.85 | 0.91 | 0.004842 | 0.02608 | 2.91% | 0.0% |
| 25 | | 5 | 0.9 | 0.8889 | 0.9111 | 0.87 | 0.94 | 0.005414 | 0.02915 | 3.24% | -0.45% |
| 50 | | 5 | 0.908 | 0.9007 | 0.9153 | 0.88 | 0.93 | 0.003572 | 0.01923 | 2.12% | -1.34% |
| 100 | | 5 | 0.882 | 0.8705 | 0.8935 | 0.86 | 0.92 | 0.005632 | 0.03033 | 3.44% | 1.56% |

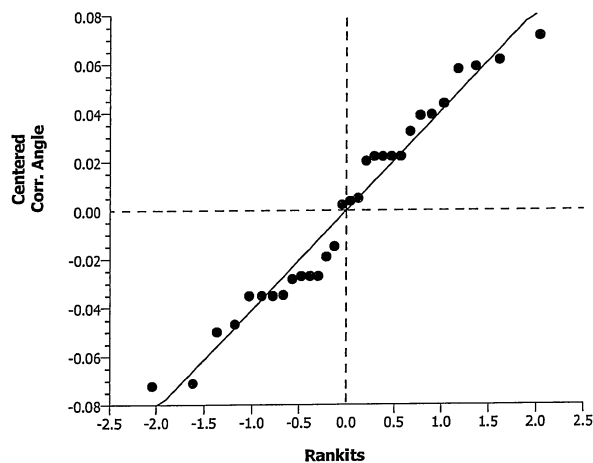
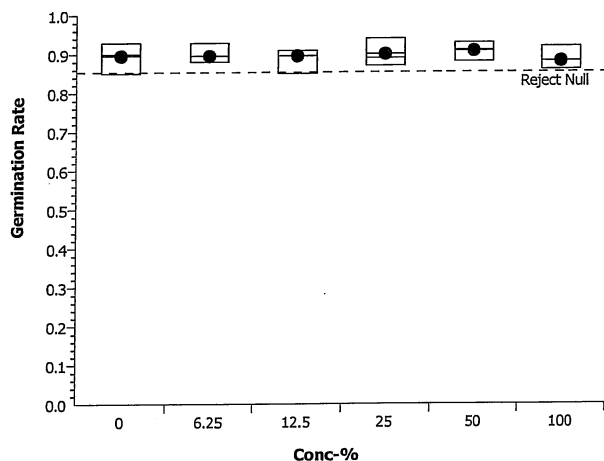
Angular (Corrected) Transformed Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|----------------|-------|-------|---------|---------|-------|-------|----------|---------|-------|--------|
| 0 | Negative Contr | 5 | 1.245 | 1.225 | 1.265 | 1.173 | 1.303 | 0.009675 | 0.0521 | 4.18% | 0.0% |
| 6.25 | | 5 | 1.244 | 1.229 | 1.259 | 1.217 | 1.303 | 0.007282 | 0.03922 | 3.15% | 0.1% |
| 12.5 | | 5 | 1.244 | 1.229 | 1.259 | 1.173 | 1.266 | 0.007496 | 0.04037 | 3.25% | 0.09% |
| 25 | | 5 | 1.252 | 1.233 | 1.271 | 1.202 | 1.323 | 0.009383 | 0.05053 | 4.04% | -0.53% |
| 50 | | 5 | 1.264 | 1.251 | 1.276 | 1.217 | 1.303 | 0.006129 | 0.033 | 2.61% | -1.49% |
| 100 | | 5 | 1.222 | 1.204 | 1.241 | 1.187 | 1.284 | 0.009005 | 0.04849 | 3.97% | 1.84% |

Germination Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 0.93 | 0.9 | 0.88 | 0.92 | 0.85 |
| 6.25 | | 0.88 | 0.88 | 0.93 | 0.91 | 0.88 |
| 12.5 | | 0.91 | 0.9 | 0.91 | 0.85 | 0.91 |
| 25 | | 0.87 | 0.88 | 0.89 | 0.94 | 0.92 |
| 50 | | 0.92 | 0.93 | 0.91 | 0.88 | 0.9 |
| 100 | | 0.86 | 0.86 | 0.86 | 0.92 | 0.91 |

Graphics



CETIS Analytical Report

Report Date: 11 Jan-10 13:57 (p 1 of 4)
Test Code: 02-3808-5470/VCF1209070k

Aquatic Bioassay & Consulting Labs, Inc.

Macrocystis Germination and Germ Tube Growth Test

| | | |
|-------------------------------|--|---|
| Analysis ID: 06-9588-0928 | Endpoint: Mean Length | CETIS Version: CETISv1.7.0 |
| Analyzed: 11 Jan-10 13:56 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 05-5527-8979 | Test Type: Growth-Germination | Analyst: |
| Start Date: 08 Dec-09 12:26 | Protocol: EPA/600/R-95/136 (1995) | Diluent: Laboratory Seawater |
| Ending Date: 10 Dec-09 12:26 | Species: Macrocystis pyrifera | Brine: Not Applicable |
| Duration: 48h | Source: David Guttoff | Age: |
| Sample ID: 08-0576-6959 | Code: VCF1209070k | Client: VCWPD |
| Sample Date: 07 Dec-09 16:30 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 20h (3.3 °C) | Station: ME-SCR | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 6226967 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 16 | 10 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 2.301 | 2.908 | 0.4913 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|------|---------|---------|----|---------|---------|
| IC5 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Mean Length Summary

| | | Calculated Variate | | | | | | | |
|--------|------------------|--------------------|-------|------|------|---------|---------|-------|-------|
| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 5 | 16 | 15.5 | 17.2 | 0.1258 | 0.6892 | 4.31% | 0.0% |
| 6.25 | | 5 | 15.74 | 15.3 | 16.3 | 0.07916 | 0.4336 | 2.76% | 1.63% |
| 12.5 | | 5 | 15.8 | 15.3 | 16.2 | 0.06455 | 0.3536 | 2.24% | 1.25% |
| 25 | | 5 | 15.84 | 14.8 | 16.7 | 0.132 | 0.7232 | 4.57% | 1.0% |
| 50 | | 5 | 15.42 | 14.6 | 16 | 0.09522 | 0.5215 | 3.38% | 3.63% |
| 100 | | 5 | 15.86 | 14.8 | 16.3 | 0.1137 | 0.6229 | 3.93% | 0.88% |

Mean Length Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 15.5 | 15.6 | 15.8 | 17.2 | 15.9 |
| 6.25 | | 15.5 | 16.3 | 16.1 | 15.5 | 15.3 |
| 12.5 | | 15.9 | 16.2 | 16 | 15.3 | 15.6 |
| 25 | | 15.8 | 15.6 | 16.7 | 16.3 | 14.8 |
| 50 | | 15.4 | 15.7 | 14.6 | 16 | 15.4 |
| 100 | | 16.3 | 16.2 | 16.2 | 14.8 | 15.8 |

CETIS Analytical Report

Report Date: 11 Jan-10 13:57 (p 2 of 4)

Test Code: 02-3808-5470/VCF1209070k

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 06-9588-0928

Endpoint: Mean Length

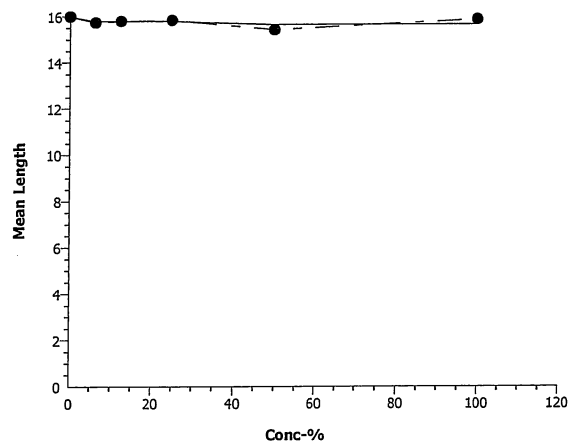
CETIS Version: CETISv1.7.0

Analyzed: 11 Jan-10 13:56

Analysis: Linear Interpolation (ICPIN)

Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 11 Jan-10 13:57 (p 3 of 4)
Test Code: 02-3808-5470/VCF1209070k

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|---|
| Analysis ID: 00-0675-5873 | Endpoint: Germination Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 11 Jan-10 13:56 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 05-5527-8979 | Test Type: Growth-Germination | Analyst: |
| Start Date: 08 Dec-09 12:26 | Protocol: EPA/600/R-95/136 (1995) | Diluent: Laboratory Seawater |
| Ending Date: 10 Dec-09 12:26 | Species: Macrocystis pyrifera | Brine: Not Applicable |
| Duration: 48h | Source: David Gutoff | Age: |
| Sample ID: 08-0576-6959 | Code: VCF1209070k | Client: VCWPD |
| Sample Date: 07 Dec-09 16:30 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 20h (3.3 °C) | Station: ME-SCR | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 6226967 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.896 | 0.7 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 1.783 | 2.908 | 1.0000 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|------|---------|---------|----|---------|---------|
| EC5 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Germination Rate Summary

Calculated Variate(A/B)

| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | A | B |
|--------|------------------|-------|-------|------|------|----------|---------|-------|--------|-----|-----|
| 0 | Negative Control | 5 | 0.896 | 0.85 | 0.93 | 0.005859 | 0.03209 | 3.58% | 0.0% | 448 | 500 |
| 6.25 | | 5 | 0.896 | 0.88 | 0.93 | 0.004203 | 0.02302 | 2.57% | 0.0% | 448 | 500 |
| 12.5 | | 5 | 0.896 | 0.85 | 0.91 | 0.004761 | 0.02608 | 2.91% | 0.0% | 448 | 500 |
| 25 | | 5 | 0.9 | 0.87 | 0.94 | 0.005323 | 0.02915 | 3.24% | -0.45% | 450 | 500 |
| 50 | | 5 | 0.908 | 0.88 | 0.93 | 0.003512 | 0.01923 | 2.12% | -1.34% | 454 | 500 |
| 100 | | 5 | 0.882 | 0.86 | 0.92 | 0.005538 | 0.03033 | 3.44% | 1.56% | 441 | 500 |

Germination Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 0.93 | 0.9 | 0.88 | 0.92 | 0.85 |
| 6.25 | | 0.88 | 0.88 | 0.93 | 0.91 | 0.88 |
| 12.5 | | 0.91 | 0.9 | 0.91 | 0.85 | 0.91 |
| 25 | | 0.87 | 0.88 | 0.89 | 0.94 | 0.92 |
| 50 | | 0.92 | 0.93 | 0.91 | 0.88 | 0.9 |
| 100 | | 0.86 | 0.86 | 0.86 | 0.92 | 0.91 |

CETIS Analytical Report

Report Date: 11 Jan-10 13:57 (p 4 of 4)
Test Code: 02-3808-5470/VCF1209070k

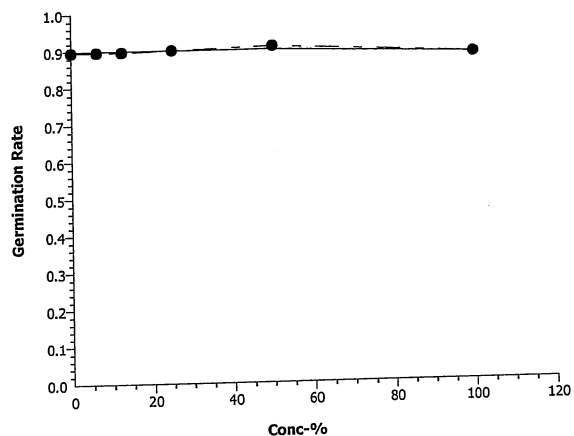
Aquatic Bioassay & Consulting Labs, Inc.

Macrocystis Germination and Germ Tube Growth Test

Analysis ID: 00-0675-5873 Endpoint: Germination Rate
Analyzed: 11 Jan-10 13:56 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 11 Jan-10 13:57 (p 1 of 2)
Test Code: 02-3808-5470/VCF1209070k

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|--------------------------------------|--|--|
| Batch ID: 05-5527-8979 | Test Type: Growth-Germination | Analyst: |
| Start Date: 08 Dec-09 12:26 | Protocol: EPA/600/R-95/136 (1995) | Diluent: Laboratory Seawater |
| Ending Date: 10 Dec-09 12:26 | Species: Macrocystis pyrifera | Brine: Not Applicable |
| Duration: 48h | Source: David Gutoff | Age: |
| Sample ID: 08-0576-6959 | Code: VCF1209070k | Client: VCWPD |
| Sample Date: 07 Dec-09 16:30 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 20h (3.3 °C) | Station: ME-SCR | |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 2 | 6.95 | 6.495 | 7.405 | 6 | 7.9 | 0.2239 | 1.344 | 19.33% | 0 |
| 6.25 | | 2 | 6.85 | 6.395 | 7.305 | 5.9 | 7.8 | 0.2239 | 1.344 | 19.61% | 0 |
| 12.5 | | 2 | 6.1 | 5.861 | 6.339 | 5.6 | 6.6 | 0.1179 | 0.7071 | 11.59% | 0 |
| 25 | | 2 | 6.3 | 6.252 | 6.348 | 6.2 | 6.4 | 0.02357 | 0.1414 | 2.25% | 0 |
| 50 | | 2 | 6.25 | 6.083 | 6.417 | 5.9 | 6.6 | 0.0825 | 0.495 | 7.92% | 0 |
| 100 | | 2 | 6 | 5.761 | 6.239 | 5.5 | 6.5 | 0.1179 | 0.7071 | 11.79% | 0 |
| Overall | | 12 | 6.408 | | | 5.5 | 7.9 | | | | 0 (0%) |

Total Ammonia (N)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|-----|----------|
| 0 | Negative Contr | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| 6.25 | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| 12.5 | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| 25 | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| 50 | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| 100 | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| Overall | | 11 | 0 | | | 0 | 0 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 12.5 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 25 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 50 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 100 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| Overall | | 12 | 7.942 | | | 7.9 | 8 | | | | 0 (0%) |

Salinity-ppt

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 50 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 34 | | | 34 | 34 | | | | 0 (0%) |

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| 0 | Negative Contr | 2 | 15 | 14.95 | 15.05 | 14.9 | 15.1 | 0.02357 | 0.1414 | 0.94% | 0 |
| 6.25 | | 2 | 14.95 | 14.93 | 14.97 | 14.9 | 15 | 0.01179 | 0.07075 | 0.47% | 0 |
| 12.5 | | 2 | 14.95 | 14.93 | 14.97 | 14.9 | 15 | 0.01179 | 0.07075 | 0.47% | 0 |
| 25 | | 2 | 14.95 | 14.93 | 14.97 | 14.9 | 15 | 0.01179 | 0.07075 | 0.47% | 0 |
| 50 | | 2 | 14.95 | 14.93 | 14.97 | 14.9 | 15 | 0.01179 | 0.07075 | 0.47% | 0 |
| 100 | | 2 | 14.95 | 14.93 | 14.97 | 14.9 | 15 | 0.01179 | 0.07075 | 0.47% | 0 |
| Overall | | 12 | 14.96 | | | 14.9 | 15.1 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 11 Jan-10 13:57 (p 2 of 2)
Test Code: 02-3808-5470/VCF1209070k

Aquatic Bioassay & Consulting Labs, Inc.

Macrocystis Germination and Germ Tube Growth Test

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|-----|
| 0 | Negative Contr | 7.9 | 6 |
| 6.25 | | 7.8 | 5.9 |
| 12.5 | | 6.6 | 5.6 |
| 25 | | 6.4 | 6.2 |
| 50 | | 6.6 | 5.9 |
| 100 | | 6.5 | 5.5 |

Total Ammonia (N)-mg/L

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|---|---|
| 0 | Negative Contr | 0 | |
| 6.25 | | 0 | 0 |
| 12.5 | | 0 | 0 |
| 25 | | 0 | 0 |
| 50 | | 0 | 0 |
| 100 | | 0 | 0 |

pH-Units

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|-----|
| 0 | Negative Contr | 7.9 | 7.9 |
| 6.25 | | 8 | 7.9 |
| 12.5 | | 8 | 7.9 |
| 25 | | 8 | 7.9 |
| 50 | | 8 | 7.9 |
| 100 | | 8 | 7.9 |

Salinity-ppt

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|----|----|
| 0 | Negative Contr | 34 | 34 |
| 6.25 | | 34 | 34 |
| 12.5 | | 34 | 34 |
| 25 | | 34 | 34 |
| 50 | | 34 | 34 |
| 100 | | 34 | 34 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|------|------|
| 0 | Negative Contr | 14.9 | 15.1 |
| 6.25 | | 14.9 | 15 |
| 12.5 | | 14.9 | 15 |
| 25 | | 14.9 | 15 |
| 50 | | 14.9 | 15 |
| 100 | | 15 | 14.9 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms*, EPA-600/R95/136, 1995. Results were as follows:

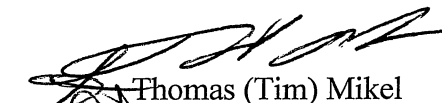
| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | ME-SCR |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.070 |

CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

NOEC = 50.00 %
TU_c = 2.00

IC₂₅ = >100.00 %
IC₅₀ = >100.00 %

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 11 Jan-10 10:26 (p 1 of 2)
Test Code: 10-3023-4327/VCF1209070u

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|---|---|
| Analysis ID: 12-2789-5057 | Endpoint: Fertilization Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 11 Jan-10 10:26 | Analysis: Nonparametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 19-8922-5379 | Test Type: Fertilization | Analyst: |
| Start Date: 08 Dec-09 12:02 | Protocol: EPA/600/R-95/136 (1995) | Diluent: Laboratory Seawater |
| Ending Date: 08 Dec-09 13:02 | Species: Strongylocentrotus purpuratus | Brine: Not Applicable |
| Duration: 60m | Source: David Gutoff | Age: |
| Sample ID: 10-3874-5837 | Code: VCF1209070u | Client: VCWPD |
| Sample Date: 07 Dec-09 16:30 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 20h (3.3 °C) | Station: ME-SCR | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|---------------------|------|---------|-------------|------|------|-------|----|-------|
| Angular (Corrected) | 0 | C > T | Not Run | 50 | 100 | 70.71 | 2 | 0.51% |

Steel Many-One Rank Test

| Control | vs | Conc-% | Test Stat | Critical | Ties | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|------|---------|------------------------|
| Negative Control | | 6.25 | 18 | 10 | 1 | 0.8333 | Non-Significant Effect |
| | | 12.5 | 18 | 10 | 1 | 0.8333 | Non-Significant Effect |
| | | 25 | 18 | 10 | 1 | 0.8333 | Non-Significant Effect |
| | | 50 | 18 | 10 | 1 | 0.8333 | Non-Significant Effect |
| | | 100* | 10 | 10 | 0 | 0.0417 | Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 1 | 0.7 - NL | Yes | Result Within Limits |
| PMSD | 0.005069 | NL - 0.25 | No | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|------------------|
| Extreme Value | Grubbs Single Outlier | 3.086 | 2.802 | 0.0116 | Outlier Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|--------------------|
| Between | 0.2444298 | 0.04888595 | 5 | 314.1 | <0.0001 | Significant Effect |
| Error | 0.002801645 | 0.000155647 | 18 | | | |
| Total | 0.2472314 | 0.0490416 | 23 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|-------------------------|
| Variances | Mod Levene Equality of Variance | 26.5 | 4.248 | <0.0001 | Unequal Variances |
| Distribution | Shapiro-Wilk Normality | 0.5832 | | <0.0001 | Non-normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.4167 | 0.2056 | <0.0001 | Non-normal Distribution |
| Distribution | D'Agostino Skewness | 0.2268 | 2.576 | 0.8206 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 3.341 | 2.576 | 0.0008 | Non-normal Distribution |
| Distribution | D'Agostino Omnibus | 11.21 | 9.21 | 0.0037 | Non-normal Distribution |

Report Date: 11 Jan-10 10:26 (p 2 of 2)
Test Code: 10-3023-4327/VCF1209070u

Aquatic Bioassay & Consulting Labs, Inc.

Aquatic Bioassay & Consulting Labs, Inc.

CETIS Version: CETISv1.7.0
Official Results: Yes

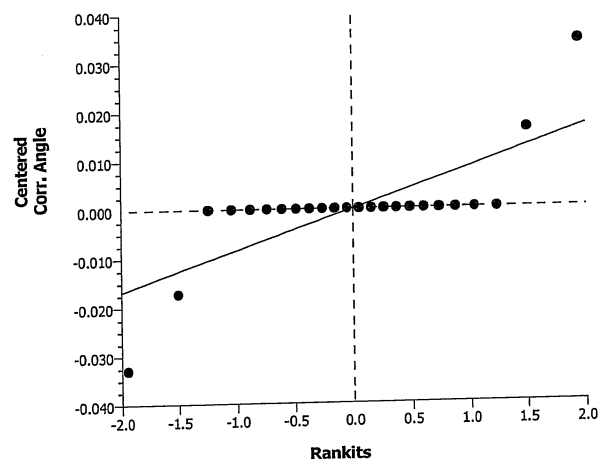
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|------|---------|---------|------|------|---------|---------|-------|-------|
| 0 | Negative Control | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 6.25 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 12.5 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 25 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 50 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 100 | | 4 | 0.9 | 0.8931 | 0.9069 | 0.88 | 0.92 | 0.00339 | 0.01826 | 2.03% | 10.0% |

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|----------------|-------|-------|---------|---------|-------|-------|----------|---------|-------|--------|
| 0 | Negative Contr | 4 | 1.521 | 1.521 | 1.521 | 1.521 | 1.521 | 0 | 0 | 0.0% | 0.0% |
| 6.25 | | 4 | 1.521 | 1.521 | 1.521 | 1.521 | 1.521 | 0 | 0 | 0.0% | 0.0% |
| 12.5 | | 4 | 1.521 | 1.521 | 1.521 | 1.521 | 1.521 | 0 | 0 | 0.0% | 0.0% |
| 25 | | 4 | 1.521 | 1.521 | 1.521 | 1.521 | 1.521 | 0 | 0 | 0.0% | 0.0% |
| 50 | | 4 | 1.521 | 1.521 | 1.521 | 1.521 | 1.521 | 0 | 0 | 0.0% | 0.0% |
| 100 | | 4 | 1.25 | 1.238 | 1.262 | 1.217 | 1.284 | 0.005675 | 0.03056 | 2.45% | 17.81% |

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 1 | 1 |
| 100 | | 0.92 | 0.89 | 0.91 | 0.88 |

Figure 1 is a scatter plot showing the relationship between Fertilization Rate (Y-axis) and Concentration (X-axis). The Y-axis ranges from 0.0 to 1.0, and the X-axis ranges from 0 to 100. The data points show a sharp decline in fertilization rate as concentration increases, with a fitted curve showing a sigmoidal decrease.

| Conc-% | Fertilization Rate |
|--------|--------------------|
| 0 | 1.00 |
| 6.25 | 1.00 |
| 12.5 | 1.00 |
| 25 | 1.00 |
| 50 | 1.00 |
| 100 | 0.93 |



CETIS Analytical Report

Report Date: 11 Jan-10 10:26 (p 1 of 2)
Test Code: 10-3023-4327/VCF1209070u

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 16-2378-7363
Analyzed: 11 Jan-10 10:26
Endpoint: Fertilization Rate
Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Batch ID: 19-8922-5379
Start Date: 08 Dec-09 12:02
Ending Date: 08 Dec-09 13:02
Duration: 60m
Test Type: Fertilization
Protocol: EPA/600/R-95/136 (1995)
Species: Strongylocentrotus purpuratus
Source: David Gutoff

Analyst:
Diluent: Laboratory Seawater
Brine: Not Applicable
Age:

Sample ID: 10-3874-5837
Sample Date: 07 Dec-09 16:30
Receive Date: 07 Dec-09 18:30
Sample Age: 20h (3.3 °C)
Code: VCF1209070u
Material: Sample Water
Source: Bioassay Report
Station: ME-SCR

Client: VCWPD
Project: NPDES Stormwater Monitoring Progra

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 7671117 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 1 | 0.7 - NL | Yes | Result Within Limits |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|------|---------|---------|-------|---------|---------|
| EC5 | 75 | 69.78 | 82.06 | 1.333 | 1.219 | 1.433 |
| EC10 | 100 | 89.57 | N/A | 1 | N/A | 1.117 |
| EC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Fertilization Rate Summary

Calculated Variate(A/B)

| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | A | B |
|--------|------------------|-------|------|------|------|----------|---------|-------|-------|-----|-----|
| 0 | Negative Control | 4 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 400 | 400 |
| 6.25 | | 4 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 400 | 400 |
| 12.5 | | 4 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 400 | 400 |
| 25 | | 4 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 400 | 400 |
| 50 | | 4 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 400 | 400 |
| 100 | | 4 | 0.9 | 0.88 | 0.92 | 0.003333 | 0.01826 | 2.03% | 10.0% | 360 | 400 |

Fertilization Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 1 | 1 |
| 100 | | 0.92 | 0.89 | 0.91 | 0.88 |

CETIS Analytical Report

Report Date: 11 Jan-10 10:26 (p 2 of 2)
Test Code: 10-3023-4327/VCF1209070u

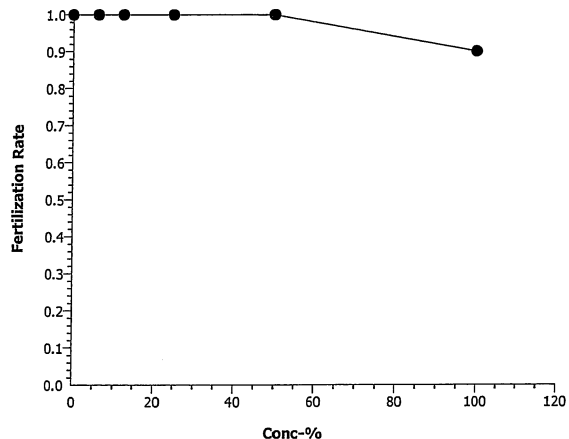
Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 16-2378-7363 Endpoint: Fertilization Rate
Analyzed: 11 Jan-10 10:26 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 11 Jan-10 10:26 (p 1 of 2)
 Test Code: 10-3023-4327/VCF1209070u

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|-------------------------------|----------|------------------------------------|
| Batch ID: | 19-8922-5379 | Test Type: | Fertilization | Analyst: | |
| Start Date: | 08 Dec-09 12:02 | Protocol: | EPA/600/R-95/136 (1995) | Diluent: | Laboratory Seawater |
| Ending Date: | 08 Dec-09 13:02 | Species: | Strongylocentrotus purpuratus | Brine: | Not Applicable |
| Duration: | 60m | Source: | David Gutoff | Age: | |
| Sample ID: | 10-3874-5837 | Code: | VCF1209070u | Client: | VCWPD |
| Sample Date: | 07 Dec-09 16:30 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 20h (3.3 °C) | Station: | ME-SCR | | |

Parameter Acceptability

| Parameter | Min | Max | Acceptability Limits | Overlap | Decision |
|----------------|------|------|----------------------|---------|-----------------------|
| Salinity-ppt | 34 | 34 | 32 - 36 | Yes | Results Within Limits |
| Temperature-°C | 14.8 | 15.1 | 11 - 13 | Yes | Results Above Limit |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 2 | 6.95 | 6.495 | 7.405 | 6 | 7.9 | 0.2239 | 1.344 | 19.33% | 0 |
| 6.25 | | 2 | 6.85 | 6.395 | 7.305 | 5.9 | 7.8 | 0.2239 | 1.344 | 19.61% | 0 |
| 12.5 | | 2 | 6.8 | 6.321 | 7.279 | 5.8 | 7.8 | 0.2357 | 1.414 | 20.8% | 0 |
| 25 | | 2 | 6.8 | 6.321 | 7.279 | 5.8 | 7.8 | 0.2357 | 1.414 | 20.8% | 0 |
| 50 | | 2 | 6.85 | 6.395 | 7.305 | 5.9 | 7.8 | 0.2239 | 1.344 | 19.61% | 0 |
| 100 | | 2 | 6.75 | 6.343 | 7.157 | 5.9 | 7.6 | 0.2003 | 1.202 | 17.81% | 0 |
| Overall | | 12 | 6.833 | | | 5.8 | 7.9 | | | | 0 (0%) |

Total Ammonia (N)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|-----|----------|
| 0 | Negative Contr | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| 100 | | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| Overall | | 2 | 0 | | | 0 | 0 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 2 | 7.85 | 7.826 | 7.874 | 7.8 | 7.9 | 0.01178 | 0.07071 | 0.9% | 0 |
| 25 | | 2 | 7.85 | 7.826 | 7.874 | 7.8 | 7.9 | 0.01178 | 0.07071 | 0.9% | 0 |
| 50 | | 2 | 7.85 | 7.826 | 7.874 | 7.8 | 7.9 | 0.01178 | 0.07071 | 0.9% | 0 |
| 100 | | 2 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 7.858 | | | 7.8 | 7.9 | | | | 0 (0%) |

Salinity-ppt

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 50 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 34 | | | 34 | 34 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 11 Jan-10 10:26 (p 2 of 2)
Test Code: 10-3023-4327/VCF1209070u

Aquatic Bioassay & Consulting Labs, Inc.

Purple Sea Urchin Sperm Cell Fertilization Test

| Temperature-°C | | | | | | | | | | |
|----------------|----------------|-------|-------|---------|---------|------|------|---------|---------|--------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% |
| 0 | Negative Contr | 2 | 15 | 14.95 | 15.05 | 14.9 | 15.1 | 0.02357 | 0.1414 | 0.94% |
| 6.25 | | 2 | 14.95 | 14.88 | 15.02 | 14.8 | 15.1 | 0.03536 | 0.2121 | 1.42% |
| 12.5 | | 2 | 14.95 | 14.88 | 15.02 | 14.8 | 15.1 | 0.03536 | 0.2121 | 1.42% |
| 25 | | 2 | 14.95 | 14.88 | 15.02 | 14.8 | 15.1 | 0.03536 | 0.2121 | 1.42% |
| 50 | | 2 | 14.95 | 14.88 | 15.02 | 14.8 | 15.1 | 0.03536 | 0.2121 | 1.42% |
| 100 | | 2 | 14.95 | 14.88 | 15.02 | 14.8 | 15.1 | 0.03536 | 0.2121 | 1.42% |
| Overall | | 12 | 14.96 | | | | | | | 0 (0%) |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|-----|
| 0 | Negative Contr | 7.9 | 6 |
| 6.25 | | 7.8 | 5.9 |
| 12.5 | | 7.8 | 5.8 |
| 25 | | 7.8 | 5.8 |
| 50 | | 7.8 | 5.9 |
| 100 | | 7.6 | 5.9 |

Total Ammonia (N)-mg/L

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|---|---|
| 0 | Negative Contr | 0 | |
| 100 | | 0 | |

pH-Units

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|-----|
| 0 | Negative Contr | 7.9 | 7.9 |
| 6.25 | | 7.9 | 7.9 |
| 12.5 | | 7.9 | 7.8 |
| 25 | | 7.9 | 7.8 |
| 50 | | 7.9 | 7.8 |
| 100 | | 7.8 | 7.8 |

Salinity-ppt

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|----|----|
| 0 | Negative Contr | 34 | 34 |
| 6.25 | | 34 | 34 |
| 12.5 | | 34 | 34 |
| 25 | | 34 | 34 |
| 50 | | 34 | 34 |
| 100 | | 34 | 34 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|------|------|
| 0 | Negative Contr | 14.9 | 15.1 |
| 6.25 | | 14.8 | 15.1 |
| 12.5 | | 14.8 | 15.1 |
| 25 | | 14.8 | 15.1 |
| 50 | | 14.8 | 15.1 |
| 100 | | 14.8 | 15.1 |

Analyst:  QA: 



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

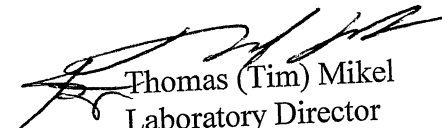
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Estuarine Organisms*, EPA/821/R-02-014. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | ME-SCR |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.070 |

CHRONIC MENIDIA SURVIVAL AND GROWTH BIOASSAY

| | | |
|----------|--------------------|-----------|
| Survival | NOEC = | 100.00 |
| | TU _c = | 1.00 |
| | IC ₂₅ = | >100.00 % |
| | IC ₅₀ = | >100.00 % |
| Biomass | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC ₂₅ = | >100.00 % |
| | IC ₅₀ = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 07 Jan-10 11:07 (p 1 of 4)
Test Code: 04-9699-8322/VCF1209070m

Aquatic Bioassay & Consulting Labs, Inc.

Inland Silverside 7-d Larval Survival and Growth Test

CETIS Version: CETISv1.7.0
Official Results: Yes

Analysis ID: 03-7874-1884
Analyzed: 07 Jan-10 11:06
Endpoint: Mean Dry Biomass-mg
Analysis: Parametric-Two Sample

Analyst:
Diluent: Laboratory Seawater
Brine: Not Applicable
Age: 7-10

Batch ID: 18-5533-9617
Start Date: 08 Dec-09 16:02
Ending Date: 15 Dec-09 14:00
Duration: 6d 22h
Test Type: Growth-Survival (7d)
Protocol: EPA/821/R-02-014 (2002)
Species: Menidia beryllina
Source: Aquatic Biosystems, CO

Client: VCWPD
Project: NPDES Stormwater Monitoring Progra

Sample ID: 11-7422-7925
Sample Date: 07 Dec-09 16:30
Receive Date: 07 Dec-09 18:30
Sample Age: 24h (3.3 °C)
Code: VCF1209070m
Material: Sample Water
Source: Bioassay Report
Station: ME-SCR

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|------|----|--------|
| Untransformed | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 24.89% |

Equal Variance t Two-Sample Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|---------|---------|------------------------|
| Negative Control | | 6.25 | -2.826 | 1.943 | 0.06722 | 0.9849 | Non-Significant Effect |
| | | 12.5 | -3.333 | 1.943 | 0.1594 | 0.9921 | Non-Significant Effect |
| | | 25 | -3.24 | 1.943 | 0.1604 | 0.9912 | Non-Significant Effect |
| | | 50 | -4.118 | 1.943 | 0.1468 | 0.9969 | Non-Significant Effect |
| | | 100 | -3.673 | 1.943 | 0.1591 | 0.9948 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|-------------|---------|----------------------|
| Control Resp | 0.6392 | 0.5 - NL | Yes | Result Within Limits |
| PMSD | 0.2489 | 0.11 - 0.28 | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 1.977 | 2.802 | 0.9697 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|--------------------|
| Between | 0.3298407 | 0.06596815 | 5 | 4.257 | 0.0099 | Significant Effect |
| Error | 0.2789181 | 0.01549545 | 18 | | | |
| Total | 0.6087589 | 0.0814636 | 23 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 7.573 | 15.09 | 0.1814 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 1.121 | 4.248 | 0.3845 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9732 | | 0.7466 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.09805 | 0.2056 | 0.8707 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.1465 | 2.576 | 0.8835 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 0.09536 | 2.576 | 0.9240 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 0.03056 | 9.21 | 0.9848 | Normal Distribution |

Mean Dry Biomass-mg Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|---------|---------|-------|-------|----------|---------|--------|---------|
| 0 | Negative Control | 4 | 0.6392 | 0.6155 | 0.663 | 0.57 | 0.719 | 0.01161 | 0.06251 | 9.78% | 0.0% |
| 6.25 | | 4 | 0.737 | 0.7257 | 0.7483 | 0.71 | 0.77 | 0.005505 | 0.02964 | 4.02% | -15.29% |
| 12.5 | | 4 | 0.9128 | 0.855 | 0.9705 | 0.695 | 1.038 | 0.02817 | 0.1517 | 16.62% | -42.79% |
| 25 | | 4 | 0.9067 | 0.8486 | 0.9649 | 0.725 | 1.079 | 0.02838 | 0.1528 | 16.85% | -41.85% |
| 50 | | 4 | 0.9502 | 0.8979 | 1.003 | 0.808 | 1.129 | 0.02553 | 0.1375 | 14.47% | -48.65% |
| 100 | | 4 | 0.94 | 0.8824 | 0.9976 | 0.784 | 1.141 | 0.0281 | 0.1513 | 16.1% | -47.05% |

CETIS Analytical Report

Report Date: 07 Jan-10 11:07 (p 2 of 4)
 Test Code: 04-9699-8322/VCF1209070m

Aquatic Bioassay & Consulting Labs, Inc.

Inland Silverside 7-d Larval Survival and Growth Test

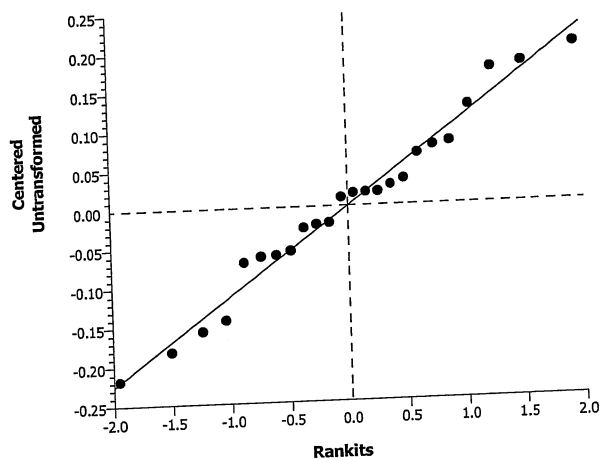
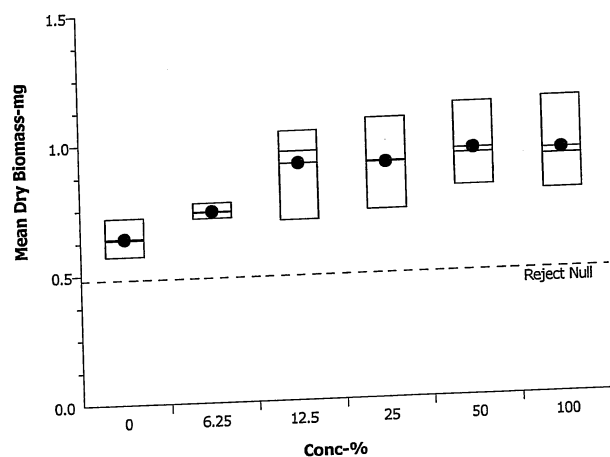
Analysis ID: 03-7874-1884
 Analyzed: 07 Jan-10 11:06
 Endpoint: Mean Dry Biomass-mg
 Analysis: Parametric-Two Sample

CETIS Version: CETISv1.7.0
 Official Results: Yes

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 0.618 | 0.57 | 0.719 | 0.65 |
| 6.25 | | 0.714 | 0.77 | 0.71 | 0.754 |
| 12.5 | | 0.695 | 0.93 | 1.038 | 0.988 |
| 25 | | 0.972 | 0.851 | 0.725 | 1.079 |
| 50 | | 0.808 | 0.888 | 1.129 | 0.976 |
| 100 | | 0.879 | 0.784 | 0.956 | 1.141 |

Graphics



CETIS Analytical Report

Report Date: 07 Jan-10 11:07 (p 3 of 4)
Test Code: 04-9699-8322/VCF1209070m

Aquatic Bioassay & Consulting Labs, Inc.

Inland Silverside 7-d Larval Survival and Growth Test

CETIS Version: CETISv1.7.0
Official Results: Yes

Analysis ID: 05-8654-7909
Analyzed: 07 Jan-10 11:01
Endpoint: 7d Survival Rate
Analysis: Nonparametric-Control vs Treatments

Batch ID: 18-5533-9617
Start Date: 08 Dec-09 16:02
Ending Date: 15 Dec-09 14:00
Duration: 6d 22h
Test Type: Growth-Survival (7d)
Protocol: EPA/821/R-02-014 (2002)
Species: Menidia beryllina
Source: Aquatic Biosystems, CO

Analyst:
Diluent: Laboratory Seawater
Brine: Not Applicable
Age: 7-10

Sample ID: 11-7422-7925
Sample Date: 07 Dec-09 16:30
Receive Date: 07 Dec-09 18:30
Sample Age: 24h (3.3 °C)
Code: VCF1209070m
Material: Sample Water
Source: Bioassay Report
Station: ME-SCR

Client: VCWPD
Project: NPDES Stormwater Monitoring Progra

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|---------------------|------|---------|-------------|------|------|------|----|--------|
| Angular (Corrected) | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 23.95% |

Steel Many-One Rank Test

| Control | vs | Conc-% | Test Stat | Critical | Ties | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|------|---------|------------------------|
| Negative Control | | 6.25 | 14 | 10 | 1 | 0.3451 | Non-Significant Effect |
| | | 12.5 | 16.5 | 10 | 4 | 0.6742 | Non-Significant Effect |
| | | 25 | 18 | 10 | 2 | 0.8333 | Non-Significant Effect |
| | | 50 | 18 | 10 | 4 | 0.8333 | Non-Significant Effect |
| | | 100 | 17.5 | 10 | 3 | 0.7867 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.9 | 0.8 - NL | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 1.813 | 2.802 | 1.0000 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|------------------------|
| Between | 0.07258851 | 0.0145177 | 5 | 0.4942 | 0.7764 | Non-Significant Effect |
| Error | 0.5287716 | 0.0293762 | 18 | | | |
| Total | 0.6013601 | 0.0438939 | 23 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|-------------------------|
| Variances | Bartlett Equality of Variance | 2.156 | 15.09 | 0.8272 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 0.6274 | 4.248 | 0.6812 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.8794 | | 0.0081 | Non-normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.2066 | 0.2056 | 0.0094 | Non-normal Distribution |
| Distribution | D'Agostino Skewness | 1.277 | 2.576 | 0.2017 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 1.259 | 2.576 | 0.2079 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 3.217 | 9.21 | 0.2002 | Normal Distribution |

CETIS Analytical Report

Report Date: 07 Jan-10 11:07 (p 4 of 4)
Test Code: 04-9699-8322/V/CF1209070m

Aquatic Bioassay & Consulting Labs, Inc.

Inland Silverside 7-d Larval Survival and Growth Test

Analysis ID: 05-8654-7909
Analyzed: 07 Jan-10 11:01
Endpoint: 7d Survival Rate
Analysis: Nonparametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

7d Survival Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|-------|---------|---------|-----|-----|----------|---------|--------|--------|
| 0 | Negative Control | 4 | 0.9 | 0.8462 | 0.9538 | 0.7 | 1 | 0.02626 | 0.1414 | 15.71% | 0.0% |
| 6.25 | | 4 | 0.8 | 0.7462 | 0.8538 | 0.6 | 0.9 | 0.02626 | 0.1414 | 17.68% | 11.11% |
| 12.5 | | 4 | 0.875 | 0.8271 | 0.9229 | 0.7 | 1 | 0.02337 | 0.1258 | 14.38% | 2.78% |
| 25 | | 4 | 0.9 | 0.8561 | 0.9439 | 0.8 | 1 | 0.02144 | 0.1155 | 12.83% | 0.0% |
| 50 | | 4 | 0.9 | 0.8462 | 0.9538 | 0.7 | 1 | 0.02626 | 0.1414 | 15.71% | 0.0% |
| 100 | | 4 | 0.925 | 0.906 | 0.944 | 0.9 | 1 | 0.009285 | 0.05 | 5.41% | -2.78% |

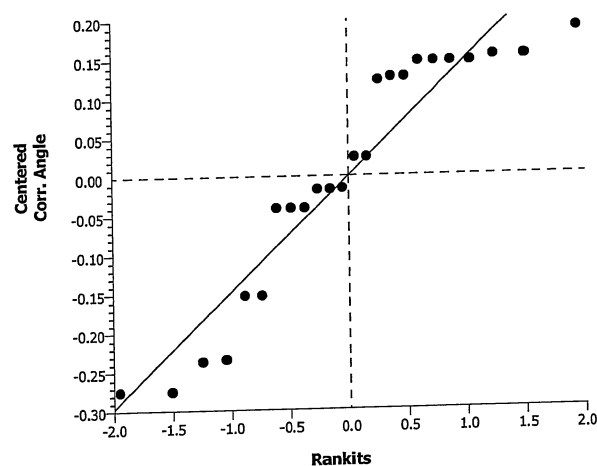
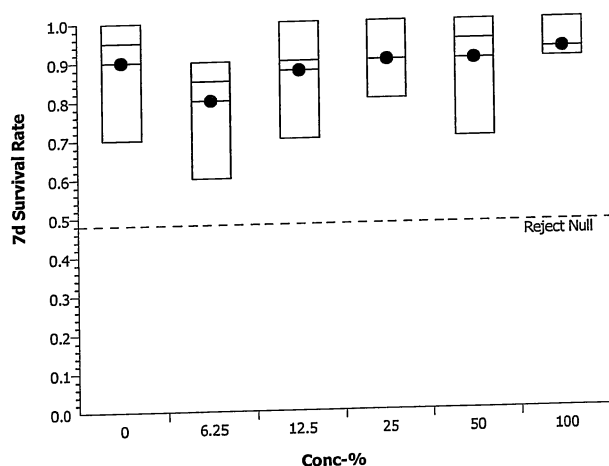
Angular (Corrected) Transformed Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|----------------|-------|-------|---------|---------|--------|-------|---------|---------|--------|--------|
| 0 | Negative Contr | 4 | 1.266 | 1.19 | 1.342 | 0.9912 | 1.412 | 0.0369 | 0.1987 | 15.7% | 0.0% |
| 6.25 | | 4 | 1.123 | 1.058 | 1.188 | 0.8861 | 1.249 | 0.03183 | 0.1714 | 15.27% | 11.31% |
| 12.5 | | 4 | 1.225 | 1.159 | 1.291 | 0.9912 | 1.412 | 0.03231 | 0.174 | 14.2% | 3.22% |
| 25 | | 4 | 1.26 | 1.193 | 1.327 | 1.107 | 1.412 | 0.03269 | 0.176 | 13.97% | 0.51% |
| 50 | | 4 | 1.266 | 1.19 | 1.342 | 0.9912 | 1.412 | 0.0369 | 0.1987 | 15.7% | 0.0% |
| 100 | | 4 | 1.29 | 1.259 | 1.321 | 1.249 | 1.412 | 0.01513 | 0.08149 | 6.32% | -1.87% |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 0.7 | 0.9 | 1 |
| 6.25 | | 0.9 | 0.9 | 0.6 | 0.8 |
| 12.5 | | 0.7 | 1 | 0.9 | 0.9 |
| 25 | | 1 | 1 | 0.8 | 0.8 |
| 50 | | 1 | 1 | 0.9 | 0.7 |
| 100 | | 0.9 | 0.9 | 0.9 | 1 |

Graphics



CETIS Analytical Report

Report Date: 07 Jan-10 11:07 (p 1 of 4)
Test Code: 04-9699-8322/VCF1209070m

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|---|
| Analysis ID: 06-6180-7563 | Endpoint: Mean Dry Biomass-mg | CETIS Version: CETISv1.7.0 |
| Analyzed: 07 Jan-10 11:06 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 18-5533-9617 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 16:02 | Protocol: EPA/821/R-02-014 (2002) | Diluent: Laboratory Seawater |
| Ending Date: 15 Dec-09 14:00 | Species: Menidia beryllina | Brine: Not Applicable |
| Duration: 6d 22h | Source: Aquatic Biosystems, CO | Age: 7-10 |
| Sample ID: 11-7422-7925 | Code: VCF1209070m | Client: VCWPD |
| Sample Date: 07 Dec-09 16:30 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 24h (3.3 °C) | Station: ME-SCR | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 2895625 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.6392 | 0.5 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 1.977 | 2.802 | 0.9697 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|------|---------|---------|----|---------|---------|
| IC5 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Mean Dry Biomass-mg Summary

Calculated Variate

| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|-------|-------|----------|---------|--------|---------|
| 0 | Negative Control | 4 | 0.6392 | 0.57 | 0.719 | 0.01141 | 0.06251 | 9.78% | 0.0% |
| 6.25 | | 4 | 0.737 | 0.71 | 0.77 | 0.005412 | 0.02964 | 4.02% | -15.29% |
| 12.5 | | 4 | 0.9128 | 0.695 | 1.038 | 0.0277 | 0.1517 | 16.62% | -42.79% |
| 25 | | 4 | 0.9067 | 0.725 | 1.079 | 0.0279 | 0.1528 | 16.85% | -41.85% |
| 50 | | 4 | 0.9502 | 0.808 | 1.129 | 0.0251 | 0.1375 | 14.47% | -48.65% |
| 100 | | 4 | 0.94 | 0.784 | 1.141 | 0.02763 | 0.1513 | 16.1% | -47.05% |

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 0.618 | 0.57 | 0.719 | 0.65 |
| 6.25 | | 0.714 | 0.77 | 0.71 | 0.754 |
| 12.5 | | 0.695 | 0.93 | 1.038 | 0.988 |
| 25 | | 0.972 | 0.851 | 0.725 | 1.079 |
| 50 | | 0.808 | 0.888 | 1.129 | 0.976 |
| 100 | | 0.879 | 0.784 | 0.956 | 1.141 |

CETIS Analytical Report

Report Date: 07 Jan-10 11:07 (p 2 of 4)
Test Code: 04-9699-8322/VCF1209070m

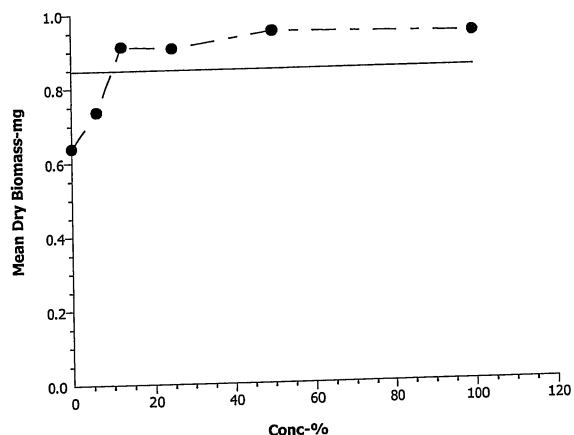
Aquatic Bioassay & Consulting Labs, Inc.

Inland Silverside 7-d Larval Survival and Growth Test

Analysis ID: 06-6180-7563 Endpoint: Mean Dry Biomass-mg
Analyzed: 07 Jan-10 11:06 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 07 Jan-10 11:07 (p 3 of 4)
 Test Code: 04-9699-8322/VCF1209070m

Aquatic Bioassay & Consulting Labs, Inc.

Inland Silverside 7-d Larval Survival and Growth Test

CETIS Version: CETISv1.7.0
 Official Results: Yes

Analysis ID: 20-3259-2002
 Analyzed: 07 Jan-10 11:01
 Endpoint: 7d Survival Rate
 Analysis: Linear Interpolation (ICPIN)

Analyst:
 Diluent: Laboratory Seawater
 Brine: Not Applicable
 Age: 7-10

Batch ID: 18-5533-9617
 Start Date: 08 Dec-09 16:02
 Ending Date: 15 Dec-09 14:00
 Duration: 6d 22h
 Test Type: Growth-Survival (7d)
 Protocol: EPA/821/R-02-014 (2002)
 Species: Menidia beryllina
 Source: Aquatic Biosystems, CO

Client: VCWPD
 Project: NPDES Stormwater Monitoring Progra

Sample ID: 11-7422-7925
 Sample Date: 07 Dec-09 16:30
 Receive Date: 07 Dec-09 18:30
 Sample Age: 24h (3.3 °C)
 Code: VCF1209070m
 Material: Sample Water
 Source: Bioassay Report
 Station: ME-SCR

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 5795186 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.9 | 0.8 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 1.813 | 2.802 | 1.0000 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|------|---------|---------|----|---------|---------|
| EC5 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Calculated Variate(A/B)

7d Survival Rate Summary

| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | A | B |
|--------|------------------|-------|-------|-----|-----|----------|---------|--------|--------|----|----|
| 0 | Negative Control | 4 | 0.9 | 0.7 | 1 | 0.02582 | 0.1414 | 15.71% | 0.0% | 36 | 40 |
| 6.25 | | 4 | 0.8 | 0.6 | 0.9 | 0.02582 | 0.1414 | 17.68% | 11.11% | 32 | 40 |
| 12.5 | | 4 | 0.875 | 0.7 | 1 | 0.02297 | 0.1258 | 14.38% | 2.78% | 35 | 40 |
| 25 | | 4 | 0.9 | 0.8 | 1 | 0.02108 | 0.1155 | 12.83% | 0.0% | 36 | 40 |
| 50 | | 4 | 0.9 | 0.7 | 1 | 0.02582 | 0.1414 | 15.71% | 0.0% | 36 | 40 |
| 100 | | 4 | 0.925 | 0.9 | 1 | 0.009129 | 0.05 | 5.41% | -2.78% | 37 | 40 |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 0.7 | 0.9 | 1 |
| 6.25 | | 0.9 | 0.9 | 0.6 | 0.8 |
| 12.5 | | 0.7 | 1 | 0.9 | 0.9 |
| 25 | | 1 | 1 | 0.8 | 0.8 |
| 50 | | 1 | 1 | 0.9 | 0.7 |
| 100 | | 0.9 | 0.9 | 0.9 | 1 |

CETIS Analytical Report

Report Date: 07 Jan-10 11:07 (p 4 of 4)
Test Code: 04-9699-8322/VCF1209070m

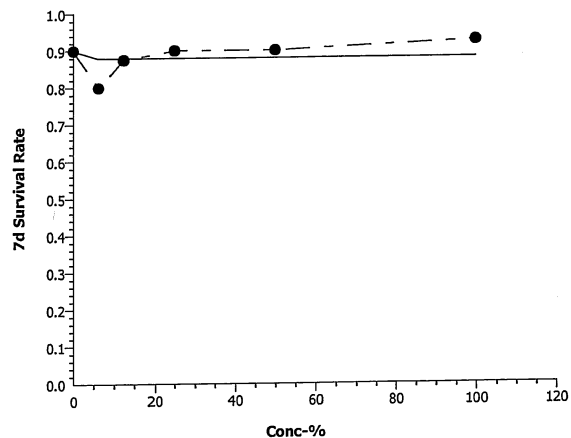
Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 20-3259-2002 Endpoint: 7d Survival Rate
Analyzed: 07 Jan-10 11:01 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 07 Jan-10 11:07 (p 1 of 2)
Test Code: 04-9699-8322/VCF1209070m

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|-------------------------|----------|------------------------------------|
| Batch ID: | 18-5533-9617 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 16:02 | Protocol: | EPA/821/R-02-014 (2002) | Diluent: | Laboratory Seawater |
| Ending Date: | 15 Dec-09 14:00 | Species: | Menidia beryllina | Brine: | Not Applicable |
| Duration: | 6d 22h | Source: | Aquatic Biosystems, CO | Age: | 7-10 |
| Sample ID: | 11-7422-7925 | Code: | VCF1209070m | Client: | VCWPD |
| Sample Date: | 07 Dec-09 16:30 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 24h (3.3 °C) | Station: | ME-SCR | | |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 6.5 | 6.335 | 6.665 | 6 | 7 | 0.08116 | 0.487 | 7.49% | 0 |
| 6.25 | | 8 | 6.275 | 6.067 | 6.483 | 5.3 | 7 | 0.1023 | 0.6135 | 9.78% | 0 |
| 12.5 | | 8 | 6.175 | 5.989 | 6.361 | 5.6 | 7 | 0.09161 | 0.5497 | 8.9% | 0 |
| 25 | | 8 | 6.3 | 6.134 | 6.466 | 5.7 | 7 | 0.08165 | 0.4899 | 7.78% | 0 |
| 50 | | 8 | 6.3 | 6.16 | 6.44 | 5.8 | 7 | 0.06901 | 0.414 | 6.57% | 0 |
| 100 | | 8 | 6.35 | 6.211 | 6.489 | 5.8 | 7 | 0.06843 | 0.4106 | 6.47% | 0 |
| Overall | | 48 | 6.317 | | | 5.3 | 7 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|----------|---------|-------|----------|
| 0 | Negative Contr | 8 | 7.888 | 7.866 | 7.909 | 7.8 | 8 | 0.01068 | 0.06408 | 0.81% | 0 |
| 6.25 | | 8 | 7.913 | 7.901 | 7.924 | 7.9 | 8 | 0.005889 | 0.03533 | 0.45% | 0 |
| 12.5 | | 8 | 7.888 | 7.876 | 7.899 | 7.8 | 7.9 | 0.005889 | 0.03533 | 0.45% | 0 |
| 25 | | 8 | 7.888 | 7.876 | 7.899 | 7.8 | 7.9 | 0.005889 | 0.03533 | 0.45% | 0 |
| 50 | | 8 | 7.875 | 7.859 | 7.891 | 7.8 | 7.9 | 0.007713 | 0.04628 | 0.59% | 0 |
| 100 | | 8 | 7.913 | 7.891 | 7.934 | 7.8 | 8 | 0.01068 | 0.06408 | 0.81% | 0 |
| Overall | | 48 | 7.894 | | | 7.8 | 8 | | | | 0 (0%) |

Salinity-ppt

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 25 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 50 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 48 | 34 | | | 34 | 34 | | | | 0 (0%) |

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|------|----------|---------|-------|----------|
| 0 | Negative Contr | 8 | 24.04 | 24.02 | 24.05 | 24 | 24.1 | 0.008611 | 0.05167 | 0.22% | 0 |
| 6.25 | | 8 | 24.05 | 24.03 | 24.07 | 24 | 24.1 | 0.00889 | 0.05334 | 0.22% | 0 |
| 12.5 | | 8 | 24.06 | 24.04 | 24.09 | 24 | 24.2 | 0.01239 | 0.07432 | 0.31% | 0 |
| 25 | | 8 | 24.05 | 24.03 | 24.07 | 24 | 24.1 | 0.00889 | 0.05334 | 0.22% | 0 |
| 50 | | 8 | 24.06 | 24.04 | 24.09 | 24 | 24.2 | 0.01239 | 0.07432 | 0.31% | 0 |
| 100 | | 8 | 24.06 | 24.04 | 24.09 | 24 | 24.2 | 0.01239 | 0.07432 | 0.31% | 0 |
| Overall | | 48 | 24.05 | | | 24 | 24.2 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 07 Jan-10 11:07 (p 2 of 2)
Test Code: 04-9699-8322/VCF1209070m

Aquatic Bioassay & Consulting Labs, Inc.

Inland Silverside 7-d Larval Survival and Growth Test

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 6 | 6 | 6 | 7 | 6.9 | 7 | 6.9 | 6.2 |
| 6.25 | | 6.2 | 5.3 | 5.6 | 6.3 | 6.8 | 7 | 6.9 | 6.1 |
| 12.5 | | 6.3 | 5.6 | 5.6 | 6.2 | 5.7 | 6.9 | 7 | 6.1 |
| 25 | | 6.2 | 5.7 | 5.7 | 6.2 | 6.7 | 6.8 | 7 | 6 |
| 50 | | 6.2 | 5.9 | 5.8 | 6.3 | 6.5 | 6.7 | 7 | 6 |
| 100 | | 6.1 | 6.1 | 5.8 | 6.6 | 6.5 | 6.7 | 7 | 6 |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 7.9 | 7.8 | 7.8 | 8 | 7.9 | 7.9 | 7.9 | 7.9 |
| 6.25 | | 7.9 | 8 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 |
| 12.5 | | 7.9 | 7.9 | 7.8 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 |
| 25 | | 7.9 | 7.9 | 7.8 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 |
| 50 | | 7.9 | 7.9 | 7.8 | 7.9 | 7.8 | 7.9 | 7.9 | 7.9 |
| 100 | | 8 | 8 | 7.9 | 7.9 | 7.8 | 7.9 | 7.9 | 7.9 |

Salinity-ppt

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 6.25 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 12.5 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 25 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 50 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 100 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|------|------|------|------|------|
| 0 | Negative Contr | 24 | 24 | 24 | 24.1 | 24 | 24 | 24.1 | 24.1 |
| 6.25 | | 24 | 24 | 24 | 24 | 24.1 | 24.1 | 24.1 | 24.1 |
| 12.5 | | 24 | 24 | 24 | 24.1 | 24.1 | 24.1 | 24 | 24.2 |
| 25 | | 24 | 24 | 24 | 24.1 | 24.1 | 24 | 24.1 | 24.1 |
| 50 | | 24 | 24 | 24 | 24.1 | 24.1 | 24 | 24.2 | 24.1 |
| 100 | | 24 | 24 | 24 | 24.1 | 24.1 | 24 | 24.2 | 24.1 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

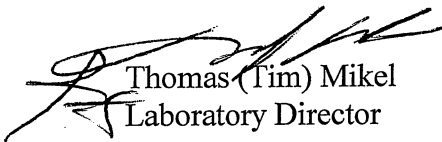
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Estuarine Organisms, EPA/821/R-02-014*. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | ME-SCR |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.070 |

CHRONIC TOPSMELT SURVIVAL AND GROWTH BIOASSAY

| | | |
|----------|--------------------|-----------|
| Survival | NOEC = | 100.00 |
| | TU _c = | 1.00 |
| | IC ₂₅ = | >100.00 % |
| | IC ₅₀ = | >100.00 % |
| Biomass | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC ₂₅ = | 53.7 % |
| | IC ₅₀ = | 76.55 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 07 Jan-10 14:57 (p 1 of 4)
Test Code: 02-6173-8275/VCF1209070t

Aquatic Bioassay & Consulting Labs, Inc.

Pacific Topsmelt 7-d Survival and Growth Test

| | | |
|-------------------------------|--|---|
| Analysis ID: 00-8910-5221 | Endpoint: Mean Dry Biomass-mg | CETIS Version: CETISv1.7.0 |
| Analyzed: 07 Jan-10 14:46 | Analysis: Parametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 13-1238-9483 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 16:01 | Protocol: EPA/821/R-02-014 (2002) | Diluent: Laboratory Seawater |
| Ending Date: 15 Dec-09 14:00 | Species: Atherinops affinis | Brine: Not Applicable |
| Duration: 6d 22h | Source: Aquatic Biosystems, CO | Age: 9-15 |
| Sample ID: 15-3836-8945 | Code: VCF1209070t | Client: VCWPD |
| Sample Date: 07 Dec-09 16:30 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 24h (3.3 °C) | Station: ME-SCR | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|------|----|--------|
| Untransformed | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 13.49% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|--------|---------|------------------------|
| Negative Control | | 50* | 3.274 | 2.108 | 0.1594 | 0.0062 | Significant Effect |
| | | 100 | 0.9256 | 2.108 | 0.1594 | 0.2923 | Non-Significant Effect |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 2.298 | 2.548 | 0.1630 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|--------------------|
| Between | 0.1629161 | 0.08145805 | 2 | 5.697 | 0.0182 | Significant Effect |
| Error | 0.1715714 | 0.01429761 | 12 | | | |
| Total | 0.3344875 | 0.09575567 | 14 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 2.744 | 9.21 | 0.2536 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 1.907 | 8.022 | 0.2039 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9618 | | 0.7244 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.1291 | 0.2542 | 0.8145 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.9537 | 2.576 | 0.3403 | Normal Distribution |

Mean Dry Biomass-mg Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|-------|---------|---------|-------|-------|---------|---------|--------|--------|
| 0 | Negative Control | 5 | 1.182 | 1.117 | 1.246 | 1.008 | 1.436 | 0.0315 | 0.1696 | 14.36% | 0.0% |
| 50 | | 5 | 0.934 | 0.9058 | 0.9622 | 0.802 | 0.976 | 0.01377 | 0.07416 | 7.94% | 20.95% |
| 100 | | 5 | 1.112 | 1.076 | 1.147 | 1.01 | 1.238 | 0.01724 | 0.09283 | 8.35% | 5.92% |

CETIS Analytical Report

Report Date: 07 Jan-10 14:57 (p 2 of 4)
 Test Code: 02-6173-8275/VCF1209070t

Aquatic Bioassay & Consulting Labs, Inc.

Pacific Topsmelt 7-d Survival and Growth Test

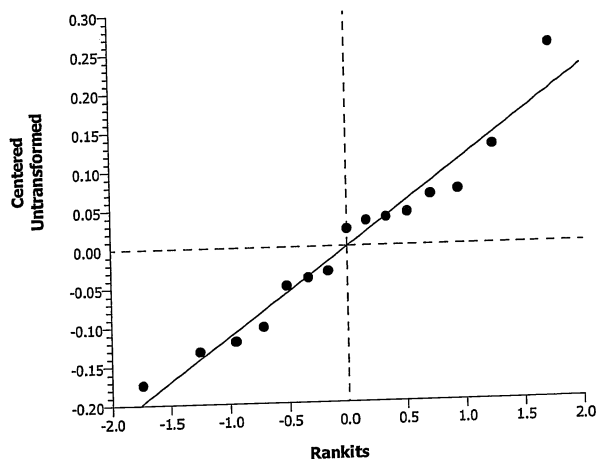
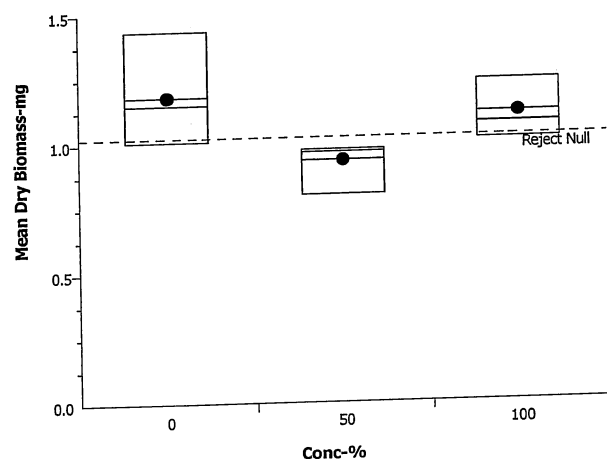
Analysis ID: 00-8910-5221
 Analyzed: 07 Jan-10 14:46
 Endpoint: Mean Dry Biomass-mg
 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
 Official Results: Yes

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 1.062 | 1.436 | 1.008 | 1.252 | 1.15 |
| 50 | | 0.966 | 0.97 | 0.802 | 0.956 | 0.976 |
| 100 | | 1.176 | 1.01 | 1.072 | 1.062 | 1.238 |

Graphics



CETIS Analytical Report

Report Date: 07 Jan-10 14:57 (p 3 of 4)
Test Code: 02-6173-8275/VCF1209070t

| Pacific Topsmelt 7-d Survival and Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | |
|---|-----------------|------------|-------------------------------------|--|------------------------------------|
| Analysis ID: | 21-1796-2872 | Endpoint: | 7d Survival Rate | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 07 Jan-10 14:43 | Analysis: | Nonparametric-Control vs Treatments | Official Results: | Yes |
| Batch ID: | 13-1238-9483 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 16:01 | Protocol: | EPA/821/R-02-014 (2002) | Diluent: | Laboratory Seawater |
| Ending Date: | 15 Dec-09 14:00 | Species: | Atherinops affinis | Brine: | Not Applicable |
| Duration: | 6d 22h | Source: | Aquatic Biosystems, CO | Age: | 9-15 |
| Sample ID: | 15-3836-8945 | Code: | VCF1209070t | Client: | VCWPD |
| Sample Date: | 07 Dec-09 16:30 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 24h (3.3 °C) | Station: | ME-SCR | | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|---------------------|------|---------|-------------|------|------|------|----|-------|
| Angular (Corrected) | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 9.16% |

| Steel Many-One Rank Test | | | | | | | |
|--------------------------|-----|--------|-----------|----------|------|---------|------------------------|
| Control | vs | Conc-% | Test Stat | Critical | Ties | P-Value | Decision(5%) |
| Negative Control | 50 | | 25 | 18 | 1 | 0.4442 | Non-Significant Effect |
| | 100 | | 27.5 | 18 | 1 | 0.6667 | Non-Significant Effect |

| Auxiliary Tests | | | | | | |
|-----------------|-----------------------|-----------|----------|---------|------------------|--|
| Attribute | Test | Test Stat | Critical | P-Value | Decision | |
| Extreme Value | Grubbs Single Outlier | 3.347 | 2.548 | <0.0001 | Outlier Detected | |

| ANOVA Table | | | | | | |
|-------------|-------------|-------------|----|--------|---------|------------------------|
| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
| Between | 0.007561053 | 0.003780527 | 2 | 1 | 0.3966 | Non-Significant Effect |
| Error | 0.04536632 | 0.003780527 | 12 | | | |
| Total | 0.05292737 | 0.007561053 | 14 | | | |

| ANOVA Assumptions | | | | | | |
|-------------------|---------------------------------|-----------|----------|---------|-------------------------|--|
| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) | |
| Variances | Mod Levene Equality of Variance | 1 | 8.022 | 0.4053 | Equal Variances | |
| Distribution | Shapiro-Wilk Normality | 0.5586 | | <0.0001 | Non-normal Distribution | |
| Distribution | Kolmogorov-Smirnov | 0.4333 | 0.2542 | <0.0001 | Non-normal Distribution | |
| Distribution | D'Agostino Skewness | 3.998 | 2.576 | <0.0001 | Non-normal Distribution | |

| 7d Survival Rate Summary | | | | | | | | | | | |
|--------------------------|------------------|-------|------|---------|---------|-----|-----|---------|---------|-------|-------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 5 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 50 | | 5 | 0.96 | 0.926 | 0.994 | 0.8 | 1 | 0.01661 | 0.08944 | 9.32% | 4.0% |
| 100 | | 5 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |

| Angular (Corrected) Transformed Summary | | | | | | | | | | | |
|---|----------------|-------|-------|---------|---------|-------|-------|---------|---------|-------|-------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Contr | 5 | 1.345 | 1.345 | 1.345 | 1.345 | 1.345 | 0 | 0 | 0.0% | 0.0% |
| 50 | | 5 | 1.298 | 1.257 | 1.338 | 1.107 | 1.345 | 0.01978 | 0.1065 | 8.21% | 3.54% |
| 100 | | 5 | 1.345 | 1.345 | 1.345 | 1.345 | 1.345 | 0 | 0 | 0.0% | 0.0% |

CETIS Analytical Report

Report Date: 07 Jan-10 14:57 (p 4 of 4)
 Test Code: 02-6173-8275/VCF1209070t

Pacific Topsmelt 7-d Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

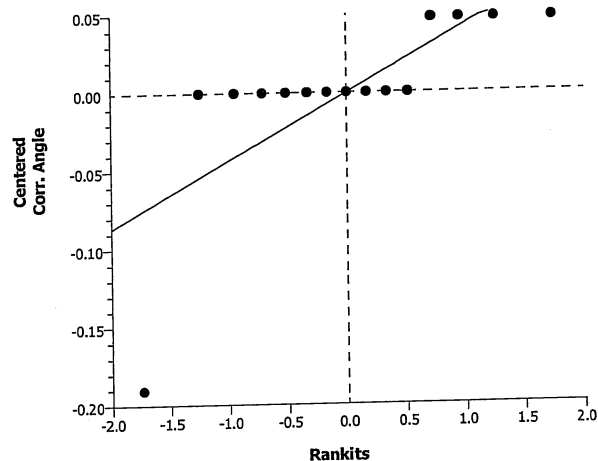
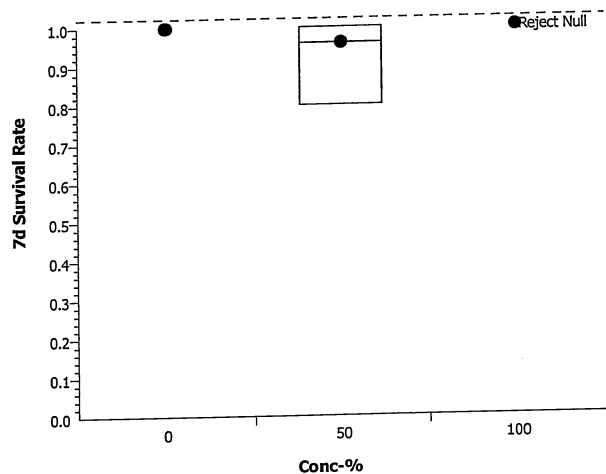
Analysis ID: 21-1796-2872 Endpoint: 7d Survival Rate
 Analyzed: 07 Jan-10 14:43 Analysis: Nonparametric-Control vs Treatments

CETIS Version: CETISv1.7.0
 Official Results: Yes

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 1 | 1 | 1 | 1 |
| 50 | | 0.8 | 1 | 1 | 1 | 1 |
| 100 | | 1 | 1 | 1 | 1 | 1 |

Graphics



CETIS Analytical Report

Report Date: 07 Jan-10 14:57 (p 1 of 2)
Test Code: 02-6173-8275/VCF1209070t

Aquatic Bioassay & Consulting Labs, Inc.

Pacific Topsmelt 7-d Survival and Growth Test

| | | |
|-------------------------------|--|---|
| Analysis ID: 09-5584-7386 | Endpoint: Mean Dry Biomass-mg | CETIS Version: CETISv1.7.0 |
| Analyzed: 07 Jan-10 14:44 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 13-1238-9483 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 16:01 | Protocol: EPA/821/R-02-014 (2002) | Diluent: Laboratory Seawater |
| Ending Date: 15 Dec-09 14:00 | Species: Atherinops affinis | Brine: Not Applicable |
| Duration: 6d 22h | Source: Aquatic Biosystems, CO | Age: 9-15 |
| Sample ID: 15-3836-8945 | Code: VCF1209070t | Client: VCWPD |
| Sample Date: 07 Dec-09 16:30 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 24h (3.3 °C) | Station: ME-SCR | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|--------|-----------|------------|-------------------------|
| Linear | Linear | 140176 | 280 | Yes | Two-Point Interpolation |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|-------|---------|---------|-------|---------|---------|
| IC5 | 11.93 | 6.878 | 51.83 | 8.382 | 1.929 | 14.54 |
| IC10 | 23.86 | 13.76 | N/A | 4.191 | N/A | 7.27 |
| IC15 | 35.79 | 20.63 | N/A | 2.794 | N/A | 4.846 |
| IC20 | 47.72 | 27.51 | N/A | 2.095 | N/A | 3.635 |
| IC25 | 53.7 | 37.37 | N/A | 1.862 | N/A | 2.676 |
| IC40 | 67.41 | 47.93 | N/A | 1.484 | N/A | 2.086 |
| IC50 | 76.55 | 47.42 | N/A | 1.306 | N/A | 2.109 |

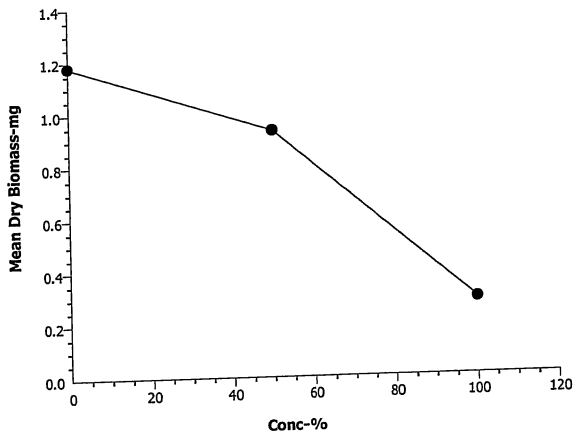
Mean Dry Biomass-mg Summary

| | | | Calculated Variate | | | | | | |
|--------|------------------|-------|--------------------|--------|-------|---------|---------|--------|--------|
| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 5 | 1.182 | 1.008 | 1.436 | 0.03097 | 0.1696 | 14.36% | 0.0% |
| 50 | | 5 | 0.934 | 0.802 | 0.976 | 0.01354 | 0.07416 | 7.94% | 20.95% |
| 100 | | 5 | 0.2876 | -2.882 | 1.176 | 0.3237 | 1.773 | 616.4% | 75.66% |

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 1.062 | 1.436 | 1.008 | 1.252 | 1.15 |
| 50 | | 0.966 | 0.97 | 0.802 | 0.956 | 0.976 |
| 100 | | 1.176 | 1.01 | 1.072 | 1.062 | -2.882 |

Graphics



CETIS Analytical Report

Report Date: 07 Jan-10 14:57 (p 2 of 2)
Test Code: 02-6173-8275/VCF1209070t

Aquatic Bioassay & Consulting Labs, Inc.

Pacific Topsmelt 7-d Survival and Growth Test

| | | |
|-------------------------------|--|---|
| Analysis ID: 05-1484-4443 | Endpoint: 7d Survival Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 07 Jan-10 14:44 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 13-1238-9483 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 16:01 | Protocol: EPA/821/R-02-014 (2002) | Diluent: Laboratory Seawater |
| Ending Date: 15 Dec-09 14:00 | Species: Atherinops affinis | Brine: Not Applicable |
| Duration: 6d 22h | Source: Aquatic Biosystems, CO | Age: 9-15 |
| Sample ID: 15-3836-8945 | Code: VCF1209070t | Client: VCWPD |
| Sample Date: 07 Dec-09 16:30 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 24h (3.3 °C) | Station: ME-SCR | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|--------|-----------|------------|-------------------------|
| Linear | Linear | 140176 | 280 | Yes | Two-Point Interpolation |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|------|---------|---------|----|---------|---------|
| EC5 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC50 | >100 | N/A | N/A | <1 | N/A | N/A |

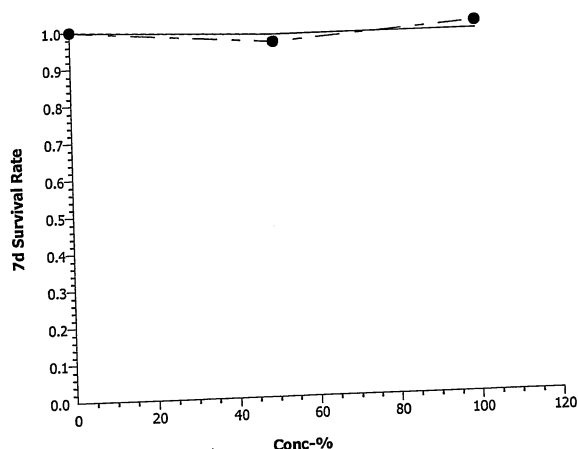
7d Survival Rate Summary

| Conc-% | Control Type | Count | Calculated Variate(A/B) | | | | | | | A | B |
|--------|------------------|-------|-------------------------|-----|-----|---------|---------|-------|-------|----|----|
| | | | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | | |
| 0 | Negative Control | 5 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 25 | 25 |
| 50 | | 5 | 0.96 | 0.8 | 1 | 0.01633 | 0.08944 | 9.32% | 4.0% | 24 | 25 |
| 100 | | 5 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 25 | 25 |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 1 | 1 | 1 | 1 |
| 50 | | 0.8 | 1 | 1 | 1 | 1 |
| 100 | | 1 | 1 | 1 | 1 | 1 |

Graphics



CETIS Measurement Report

Report Date: 07 Jan-10 14:57 (p 1 of 2)
 Test Code: 02-6173-8275/VCF1209070t

Aquatic Bioassay & Consulting Labs, Inc.

Pacific Topsmelt 7-d Survival and Growth Test

| | | | | | |
|---------------|-----------------|------------|-------------------------|----------|------------------------------------|
| Batch ID: | 13-1238-9483 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 16:01 | Protocol: | EPA/821/R-02-014 (2002) | Diluent: | Laboratory Seawater |
| Ending Date: | 15 Dec-09 14:00 | Species: | Atherinops affinis | Brine: | Not Applicable |
| Duration: | 6d 22h | Source: | Aquatic Biosystems, CO | Age: | 9-15 |
| Sample ID: | 15-3836-8945 | Code: | VCF1209070t | Client: | VCWPD |
| Sample Date: | 07 Dec-09 16:30 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 24h (3.3 °C) | Station: | ME-SCR | | |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 6.475 | 6.299 | 6.651 | 5.8 | 7 | 0.08672 | 0.5203 | 8.04% | 0 |
| 50 | | 8 | 6.4 | 6.167 | 6.633 | 5.3 | 7.1 | 0.1148 | 0.6887 | 10.76% | 0 |
| 100 | | 8 | 6.363 | 6.173 | 6.552 | 5.5 | 6.9 | 0.09341 | 0.5605 | 8.81% | 0 |
| Overall | | 24 | 6.413 | | | 5.3 | 7.1 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|----------|---------|-------|----------|
| 0 | Negative Contr | 8 | 7.888 | 7.866 | 7.909 | 7.8 | 8 | 0.01068 | 0.06408 | 0.81% | 0 |
| 50 | | 8 | 7.913 | 7.901 | 7.924 | 7.9 | 8 | 0.005889 | 0.03533 | 0.45% | 0 |
| 100 | | 8 | 7.938 | 7.92 | 7.955 | 7.9 | 8 | 0.008624 | 0.05174 | 0.65% | 0 |
| Overall | | 24 | 7.913 | | | 7.8 | 8 | | | | 0 (0%) |

Salinity-ppt

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 50 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 24 | 34 | | | 34 | 34 | | | | 0 (0%) |

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|------|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 21.08 | 21.02 | 21.13 | 21 | 21.4 | 0.0248 | 0.1488 | 0.71% | 0 |
| 50 | | 8 | 21.08 | 21.02 | 21.13 | 21 | 21.4 | 0.0248 | 0.1488 | 0.71% | 0 |
| 100 | | 8 | 21.08 | 21.02 | 21.13 | 21 | 21.4 | 0.0248 | 0.1488 | 0.71% | 0 |
| Overall | | 24 | 21.08 | | | 21 | 21.4 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 07 Jan-10 14:57 (p 2 of 2)
Test Code: 02-6173-8275/VCF1209070t

Aquatic Bioassay & Consulting Labs, Inc.

Pacific Topsmelt 7-d Survival and Growth Test

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 6 | 6 | 5.8 | 7 | 6.9 | 7 | 6.9 | 6.2 |
| 50 | | 6.1 | 5.3 | 5.5 | 6.6 | 6.8 | 7 | 6.8 | 7.1 |
| 100 | | 6.1 | 5.5 | 5.6 | 6.7 | 6.8 | 6.9 | 6.8 | 6.5 |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 7.9 | 7.8 | 7.8 | 8 | 7.9 | 7.9 | 7.9 | 7.9 |
| 50 | | 8 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 |
| 100 | | 8 | 8 | 8 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 |

Salinity-ppt

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 50 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 100 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|------|------|------|----|----|----|
| 0 | Negative Contr | 21 | 21 | 21.2 | 21.4 | 21 | 21 | 21 | 21 |
| 50 | | 21 | 21 | 21.2 | 21 | 21.4 | 21 | 21 | 21 |
| 100 | | 21 | 21 | 21.2 | 21.4 | 21 | 21 | 21 | 21 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

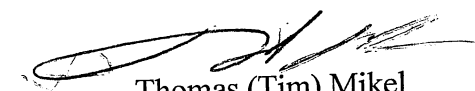
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Estuarine Organisms*, EPA/R-95/136. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | ME-VR2 |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.071 |

CHRONIC KELP GERMINATION AND GROWTH BIOASSAY

| | | |
|-------------|-------------------|-----------|
| Germination | NOEC = | 100.00 |
| | TU _c = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |
| Tube Length | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 11 Jan-10 14:36 (p 1 of 4)
Test Code: 19-3122-6640/VCF1209071k

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|---|
| Analysis ID: 02-8829-1092 | Endpoint: Mean Length | CETIS Version: CETISv1.7.0 |
| Analyzed: 11 Jan-10 14:36 | Analysis: Parametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 14-1179-2677 | Test Type: Growth-Germination | Analyst: |
| Start Date: 08 Dec-09 13:11 | Protocol: EPA/600/R-95/136 (1995) | Diluent: Laboratory Seawater |
| Ending Date: 10 Dec-09 13:11 | Species: Macrocystis pyrifera | Brine: Not Applicable |
| Duration: 48h | Source: David Gutoff | Age: |
| Sample ID: 07-6008-7485 | Code: VCF1209071k | Client: VCWPD |
| Sample Date: 07 Dec-09 15:15 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 22h (3.3 °C) | Station: ME-VR2 | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|------|----|-------|
| Untransformed | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 7.46% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|-------|---------|------------------------|
| Negative Control | | 6.25 | -0.1223 | 2.362 | 1.158 | 0.8669 | Non-Significant Effect |
| | | 12.5 | 0.2447 | 2.362 | 1.158 | 0.7511 | Non-Significant Effect |
| | | 25 | 0.4894 | 2.362 | 1.158 | 0.6516 | Non-Significant Effect |
| | | 50 | 0.08156 | 2.362 | 1.158 | 0.8081 | Non-Significant Effect |
| | | 100 | 0.04078 | 2.362 | 1.158 | 0.8210 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 15.52 | 10 - NL | Yes | Result Within Limits |
| PMSD | 0.07463 | NL - 0.2 | No | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 1.871 | 2.908 | 1.0000 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|---------|---------|------------------------|
| Between | 0.2800001 | 0.05600002 | 5 | 0.09313 | 0.9925 | Non-Significant Effect |
| Error | 14.43199 | 0.601333 | 24 | | | |
| Total | 14.71199 | 0.657333 | 29 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 3.15 | 15.09 | 0.6769 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 0.8569 | 4.248 | 0.5283 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.966 | | 0.4366 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.1146 | 0.1853 | 0.3894 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.4251 | 2.576 | 0.6708 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 1.3 | 2.576 | 0.1935 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 1.872 | 9.21 | 0.3923 | Normal Distribution |

Mean Length Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|-------|---------|---------|------|------|---------|---------|-------|--------|
| 0 | Negative Control | 5 | 15.52 | 15.19 | 15.85 | 14.3 | 16.4 | 0.1605 | 0.8643 | 5.57% | 0.0% |
| 6.25 | | 5 | 15.58 | 15.43 | 15.73 | 15.2 | 16.2 | 0.07358 | 0.3962 | 2.54% | -0.39% |
| 12.5 | | 5 | 15.4 | 15.08 | 15.72 | 14.3 | 16.3 | 0.1587 | 0.8544 | 5.55% | 0.77% |
| 25 | | 5 | 15.28 | 15.01 | 15.55 | 14.3 | 16 | 0.1296 | 0.6979 | 4.57% | 1.55% |
| 50 | | 5 | 15.48 | 15.1 | 15.86 | 14.2 | 16.8 | 0.1873 | 1.008 | 6.52% | 0.26% |
| 100 | | 5 | 15.5 | 15.24 | 15.76 | 14.6 | 16.4 | 0.1273 | 0.6856 | 4.42% | 0.13% |

CETIS Analytical Report

Report Date: 11 Jan-10 14:36 (p 2 of 4)
 Test Code: 19-3122-6640/VCF1209071k

Aquatic Bioassay & Consulting Labs, Inc.

Macrocystis Germination and Germ Tube Growth Test

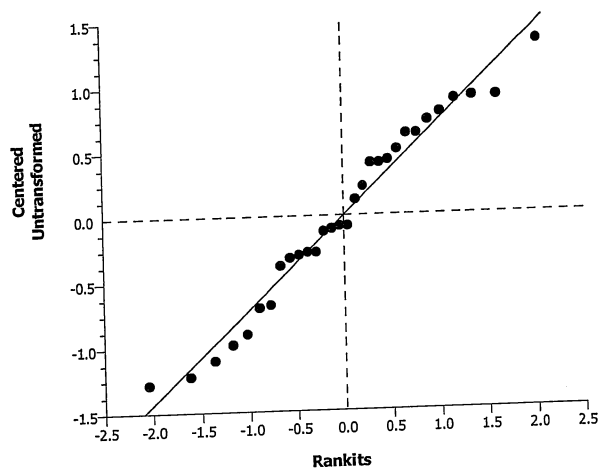
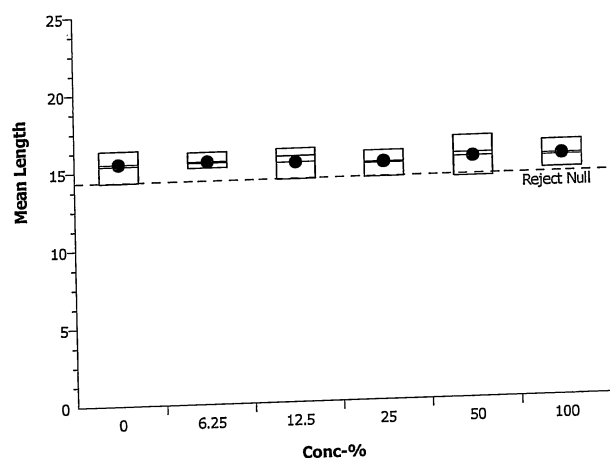
Analysis ID: 02-8829-1092
 Analyzed: 11 Jan-10 14:36
 Endpoint: Mean Length
 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
 Official Results: Yes

Mean Length Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 14.3 | 16.4 | 15.2 | 16.3 | 15.4 |
| 6.25 | | 15.5 | 15.3 | 15.7 | 15.2 | 16.2 |
| 12.5 | | 14.7 | 15.9 | 16.3 | 15.8 | 14.3 |
| 25 | | 16 | 14.3 | 15.9 | 15 | 15.2 |
| 50 | | 14.2 | 15.7 | 16.8 | 15.9 | 14.8 |
| 100 | | 16.4 | 15.2 | 14.6 | 15.4 | 15.9 |

Graphics



CETIS Analytical Report

Report Date: 11 Jan-10 14:36 (p 3 of 4)
Test Code: 19-3122-6640/VCF1209071k

| Macrocystis Germination and Germ Tube Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | |
|---|-----------------|------------|----------------------------------|--|------------------------------------|
| Analysis ID: | 05-8735-1143 | Endpoint: | Germination Rate | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 11 Jan-10 14:36 | Analysis: | Parametric-Control vs Treatments | Official Results: | Yes |
| Batch ID: | 14-1179-2677 | Test Type: | Growth-Germination | Analyst: | |
| Start Date: | 08 Dec-09 13:11 | Protocol: | EPA/600/R-95/136 (1995) | Diluent: | Laboratory Seawater |
| Ending Date: | 10 Dec-09 13:11 | Species: | Macrocystis pyrifera | Brine: | Not Applicable |
| Duration: | 48h | Source: | David Gutoff | Age: | |
| Sample ID: | 07-6008-7485 | Code: | VCF1209071k | Client: | VCWPD |
| Sample Date: | 07 Dec-09 15:15 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 22h (3.3 °C) | Station: | ME-VR2 | | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|---------------------|------|---------|-------------|------|------|------|----|-------|
| Angular (Corrected) | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 3.44% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|---------|---------|------------------------|
| Negative Control | | 6.25 | 0.5406 | 2.362 | 0.04963 | 0.6291 | Non-Significant Effect |
| | | 12.5 | 0.4729 | 2.362 | 0.04963 | 0.6587 | Non-Significant Effect |
| | | 25 | -0.5138 | 2.362 | 0.04963 | 0.9420 | Non-Significant Effect |
| | | 50 | 1.687 | 2.362 | 0.04963 | 0.1687 | Non-Significant Effect |
| | | 100 | 0.1292 | 2.362 | 0.04963 | 0.7923 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.902 | 0.7 - NL | Yes | Result Within Limits |
| PMSD | 0.03437 | NL - 0.2 | No | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 2.086 | 2.908 | 0.9378 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|------------------------|
| Between | 0.006067442 | 0.001213488 | 5 | 1.099 | 0.3867 | Non-Significant Effect |
| Error | 0.02649863 | 0.00110411 | 24 | | | |
| Total | 0.03256608 | 0.002317598 | 29 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 3.053 | 15.09 | 0.6918 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 0.5905 | 4.248 | 0.7073 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9855 | | 0.9452 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.1003 | 0.1853 | 0.6184 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.397 | 2.576 | 0.6914 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 0.3358 | 2.576 | 0.7370 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 0.2704 | 9.21 | 0.8735 | Normal Distribution |

CETIS Analytical Report

Report Date: 11 Jan-10 14:36 (p 4 of 4)
Test Code: 19-3122-6640/VCF1209071k

Aquatic Bioassay & Consulting Labs, Inc.

Macrocystis Germination and Germ Tube Growth Test

Analysis ID: 05-8735-1143
Analyzed: 11 Jan-10 14:36
Endpoint: Germination Rate
Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

Germination Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|-------|---------|---------|------|------|----------|---------|-------|--------|
| 0 | Negative Control | 5 | 0.902 | 0.8964 | 0.9076 | 0.88 | 0.92 | 0.002754 | 0.01483 | 1.64% | 0.0% |
| 6.25 | | 5 | 0.894 | 0.8827 | 0.9053 | 0.86 | 0.93 | 0.005509 | 0.02966 | 3.32% | 0.89% |
| 12.5 | | 5 | 0.896 | 0.8902 | 0.9018 | 0.88 | 0.92 | 0.002816 | 0.01517 | 1.69% | 0.67% |
| 25 | | 5 | 0.908 | 0.9007 | 0.9153 | 0.88 | 0.93 | 0.003572 | 0.01923 | 2.12% | -0.67% |
| 50 | | 5 | 0.88 | 0.874 | 0.886 | 0.86 | 0.9 | 0.002936 | 0.01581 | 1.8% | 2.44% |
| 100 | | 5 | 0.9 | 0.8915 | 0.9085 | 0.86 | 0.91 | 0.004152 | 0.02236 | 2.48% | 0.22% |

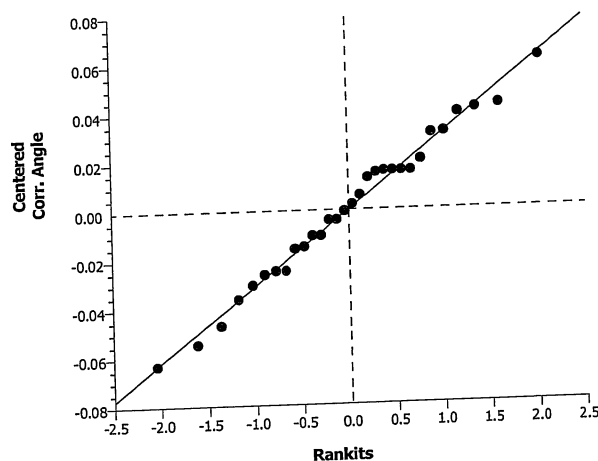
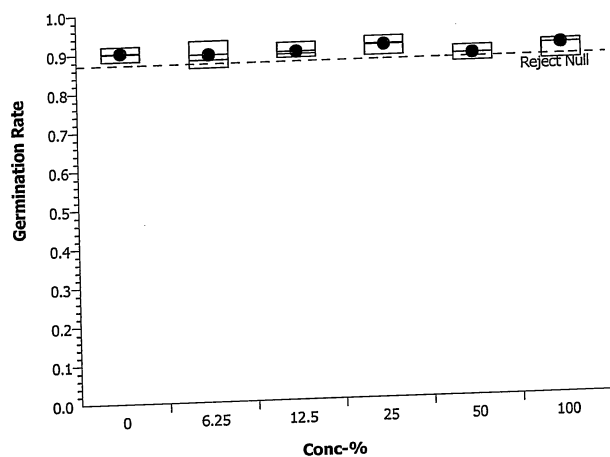
Angular (Corrected) Transformed Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|----------------|-------|-------|---------|---------|-------|-------|----------|---------|-------|--------|
| 0 | Negative Contr | 5 | 1.253 | 1.244 | 1.262 | 1.217 | 1.284 | 0.004604 | 0.02479 | 1.98% | 0.0% |
| 6.25 | | 5 | 1.242 | 1.223 | 1.26 | 1.187 | 1.303 | 0.009158 | 0.04932 | 3.97% | 0.91% |
| 12.5 | | 5 | 1.243 | 1.233 | 1.253 | 1.217 | 1.284 | 0.004739 | 0.02552 | 2.05% | 0.79% |
| 25 | | 5 | 1.264 | 1.251 | 1.276 | 1.217 | 1.303 | 0.006129 | 0.033 | 2.61% | -0.86% |
| 50 | | 5 | 1.218 | 1.208 | 1.227 | 1.187 | 1.249 | 0.004531 | 0.0244 | 2.0% | 2.83% |
| 100 | | 5 | 1.25 | 1.237 | 1.264 | 1.187 | 1.266 | 0.006544 | 0.03524 | 2.82% | 0.22% |

Germination Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 0.88 | 0.9 | 0.91 | 0.9 | 0.92 |
| 6.25 | | 0.88 | 0.88 | 0.86 | 0.93 | 0.92 |
| 12.5 | | 0.9 | 0.92 | 0.89 | 0.88 | 0.89 |
| 25 | | 0.91 | 0.92 | 0.93 | 0.9 | 0.88 |
| 50 | | 0.87 | 0.88 | 0.89 | 0.86 | 0.9 |
| 100 | | 0.91 | 0.86 | 0.91 | 0.91 | 0.91 |

Graphics



CETIS Analytical Report

Report Date: 11 Jan-10 14:36 (p 1 of 4)
Test Code: 19-3122-6640/VCF1209071k

| Macrocystis Germination and Germ Tube Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | |
|---|-----------------|------------|------------------------------|--|------------------------------------|
| Analysis ID: | 00-7219-0700 | Endpoint: | Mean Length | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 11 Jan-10 14:36 | Analysis: | Linear Interpolation (ICPIN) | Official Results: | Yes |
| Batch ID: | 14-1179-2677 | Test Type: | Growth-Germination | Analyst: | |
| Start Date: | 08 Dec-09 13:11 | Protocol: | EPA/600/R-95/136 (1995) | Diluent: | Laboratory Seawater |
| Ending Date: | 10 Dec-09 13:11 | Species: | Macrocystis pyrifera | Brine: | Not Applicable |
| Duration: | 48h | Source: | David Gutoff | Age: | |
| Sample ID: | 07-6008-7485 | Code: | VCF1209071k | Client: | VCWPD |
| Sample Date: | 07 Dec-09 15:15 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 22h (3.3 °C) | Station: | ME-VR2 | | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 6478212 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 15.52 | 10 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 1.871 | 2.908 | 1.0000 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|------|---------|---------|----|---------|---------|
| IC5 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Mean Length Summary

| | | | Calculated Variate | | | | | | |
|--------|------------------|-------|--------------------|------|------|---------|---------|-------|--------|
| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 5 | 15.52 | 14.3 | 16.4 | 0.1578 | 0.8643 | 5.57% | 0.0% |
| 6.25 | | 5 | 15.58 | 15.2 | 16.2 | 0.07234 | 0.3962 | 2.54% | -0.39% |
| 12.5 | | 5 | 15.4 | 14.3 | 16.3 | 0.156 | 0.8544 | 5.55% | 0.77% |
| 25 | | 5 | 15.28 | 14.3 | 16 | 0.1274 | 0.6979 | 4.57% | 1.55% |
| 50 | | 5 | 15.48 | 14.2 | 16.8 | 0.1841 | 1.008 | 6.52% | 0.26% |
| 100 | | 5 | 15.5 | 14.6 | 16.4 | 0.1252 | 0.6856 | 4.42% | 0.13% |

Mean Length Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 14.3 | 16.4 | 15.2 | 16.3 | 15.4 |
| 6.25 | | 15.5 | 15.3 | 15.7 | 15.2 | 16.2 |
| 12.5 | | 14.7 | 15.9 | 16.3 | 15.8 | 14.3 |
| 25 | | 16 | 14.3 | 15.9 | 15 | 15.2 |
| 50 | | 14.2 | 15.7 | 16.8 | 15.9 | 14.8 |
| 100 | | 16.4 | 15.2 | 14.6 | 15.4 | 15.9 |

CETIS Analytical Report

Report Date: 11 Jan-10 14:36 (p 2 of 4)
Test Code: 19-3122-6640/VCF1209071k

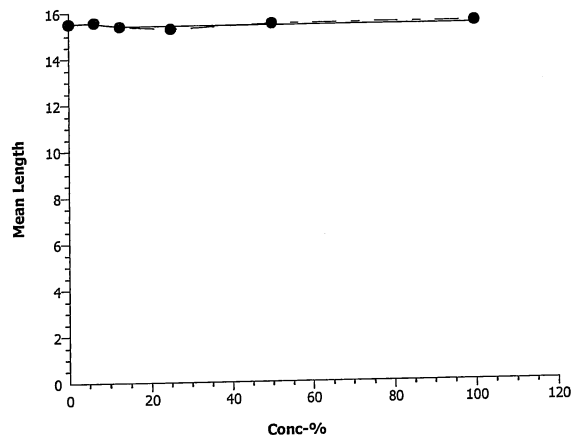
Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 00-7219-0700 Endpoint: Mean Length
Analyzed: 11 Jan-10 14:36 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 11 Jan-10 14:36 (p 3 of 4)
 Test Code: 19-3122-6640/VCF1209071k

Aquatic Bioassay & Consulting Labs, Inc.

Macrocystis Germination and Germ Tube Growth Test

CETIS Version: CETISv1.7.0
 Official Results: Yes

Analysis ID: 09-7195-8401
 Analyzed: 11 Jan-10 14:36
 Endpoint: Germination Rate
 Analysis: Linear Interpolation (ICPIN)

Analyst:
 Diluent: Laboratory Seawater
 Brine: Not Applicable
 Age:

Batch ID: 14-1179-2677
 Start Date: 08 Dec-09 13:11
 Ending Date: 10 Dec-09 13:11
 Duration: 48h
 Test Type: Growth-Germination
 Protocol: EPA/600/R-95/136 (1995)
 Species: Macrocystis pyrifera
 Source: David Gutoff

Client: VCWPD
 Project: NPDES Stormwater Monitoring Progra

Sample ID: 07-6008-7485
 Sample Date: 07 Dec-09 15:15
 Receive Date: 07 Dec-09 18:30
 Sample Age: 22h (3.3 °C)
 Code: VCF1209071k
 Material: Sample Water
 Source: Bioassay Report
 Station: ME-VR2

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 6478212 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.902 | 0.7 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 2.086 | 2.908 | 0.9378 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|------|---------|---------|----|---------|---------|
| EC5 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Germination Rate Summary

| | | Calculated Variate(A/B) | | | | | | | | A | B |
|--------|------------------|-------------------------|-------|------|------|----------|---------|-------|--------|-----|-----|
| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | | |
| 0 | Negative Control | 5 | 0.902 | 0.88 | 0.92 | 0.002708 | 0.01483 | 1.64% | 0.0% | 451 | 500 |
| 6.25 | | 5 | 0.894 | 0.86 | 0.93 | 0.005416 | 0.02966 | 3.32% | 0.89% | 447 | 500 |
| 12.5 | | 5 | 0.896 | 0.88 | 0.92 | 0.002769 | 0.01517 | 1.69% | 0.67% | 448 | 500 |
| 25 | | 5 | 0.908 | 0.88 | 0.93 | 0.003512 | 0.01923 | 2.12% | -0.67% | 454 | 500 |
| 50 | | 5 | 0.88 | 0.86 | 0.9 | 0.002887 | 0.01581 | 1.8% | 2.44% | 440 | 500 |
| 100 | | 5 | 0.9 | 0.86 | 0.91 | 0.004082 | 0.02236 | 2.48% | 0.22% | 450 | 500 |

Germination Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 0.88 | 0.9 | 0.91 | 0.9 | 0.92 |
| 6.25 | | 0.88 | 0.88 | 0.86 | 0.93 | 0.92 |
| 12.5 | | 0.9 | 0.92 | 0.89 | 0.88 | 0.89 |
| 25 | | 0.91 | 0.92 | 0.93 | 0.9 | 0.88 |
| 50 | | 0.87 | 0.88 | 0.89 | 0.86 | 0.9 |
| 100 | | 0.91 | 0.86 | 0.91 | 0.91 | 0.91 |

CETIS Analytical Report

Report Date: 11 Jan-10 14:36 (p 4 of 4)
Test Code: 19-3122-6640/VCF1209071k

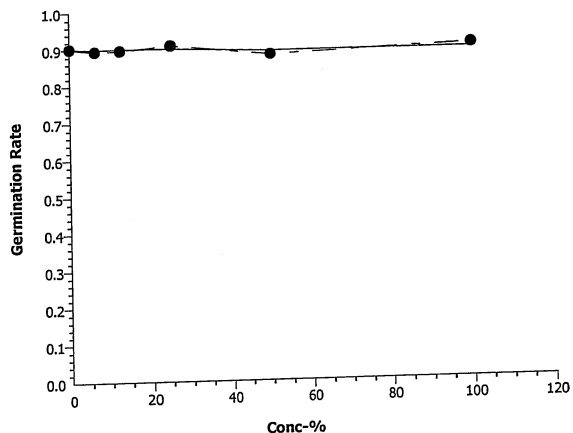
Aquatic Bioassay & Consulting Labs, Inc.

Macrocystis Germination and Germ Tube Growth Test

Analysis ID: 09-7195-8401 Endpoint: Germination Rate
Analyzed: 11 Jan-10 14:36 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 11 Jan-10 14:36 (p 1 of 2)
Test Code: 19-3122-6640/VCF1209071k

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|-------------------------|----------|------------------------------------|
| Batch ID: | 14-1179-2677 | Test Type: | Growth-Germination | Analyst: | |
| Start Date: | 08 Dec-09 13:11 | Protocol: | EPA/600/R-95/136 (1995) | Diluent: | Laboratory Seawater |
| Ending Date: | 10 Dec-09 13:11 | Species: | Macrocystis pyrifera | Brine: | Not Applicable |
| Duration: | 48h | Source: | David Guttoff | Age: | |
| Sample ID: | 07-6008-7485 | Code: | VCF1209071k | Client: | VCWPD |
| Sample Date: | 07 Dec-09 15:15 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 22h (3.3 °C) | Station: | ME-VR2 | | |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 2 | 6.95 | 6.495 | 7.405 | 6 | 7.9 | 0.2239 | 1.344 | 19.33% | 0 |
| 6.25 | | 2 | 6.3 | 6.013 | 6.587 | 5.7 | 6.9 | 0.1414 | 0.8485 | 13.47% | 0 |
| 12.5 | | 2 | 6.05 | 5.835 | 6.265 | 5.6 | 6.5 | 0.1061 | 0.6364 | 10.52% | 0 |
| 25 | | 2 | 6.1 | 5.861 | 6.339 | 5.6 | 6.6 | 0.1179 | 0.7071 | 11.59% | 0 |
| 50 | | 2 | 6.15 | 5.935 | 6.365 | 5.7 | 6.6 | 0.1061 | 0.6364 | 10.35% | 0 |
| 100 | | 2 | 6.2 | 5.961 | 6.439 | 5.7 | 6.7 | 0.1179 | 0.7071 | 11.4% | 0 |
| Overall | | 12 | 6.292 | | | 5.6 | 7.9 | | | | 0 (0%) |

Total Ammonia (N)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|-----|----------|
| 0 | Negative Contr | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| 100 | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| Overall | | 3 | 0 | | | 0 | 0 | | | | 0 (0%) |

pH-Units


| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 6.25 | | 2 | 8 | 7.952 | 8.048 | 7.9 | 8.1 | 0.02357 | 0.1414 | 1.77% | 0 |
| 12.5 | | 2 | 8.05 | 8.026 | 8.074 | 8 | 8.1 | 0.01179 | 0.07073 | 0.88% | 0 |
| 25 | | 2 | 8.05 | 8.026 | 8.074 | 8 | 8.1 | 0.01179 | 0.07073 | 0.88% | 0 |
| 50 | | 2 | 8.1 | 8.099 | 8.101 | 8.1 | 8.1 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 8.1 | 8.099 | 8.101 | 8.1 | 8.1 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 8.042 | | | 7.9 | 8.1 | | | | 0 (0%) |

Salinity-ppt

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 50 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 34 | | | 34 | 34 | | | | 0 (0%) |

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| 0 | Negative Contr | 2 | 15 | 14.95 | 15.05 | 14.9 | 15.1 | 0.02357 | 0.1414 | 0.94% | 0 |
| 6.25 | | 2 | 14.95 | 14.88 | 15.02 | 14.8 | 15.1 | 0.03536 | 0.2121 | 1.42% | 0 |
| 12.5 | | 2 | 14.95 | 14.88 | 15.02 | 14.8 | 15.1 | 0.03536 | 0.2121 | 1.42% | 0 |
| 25 | | 2 | 14.95 | 14.88 | 15.02 | 14.8 | 15.1 | 0.03536 | 0.2121 | 1.42% | 0 |
| 50 | | 2 | 14.95 | 14.88 | 15.02 | 14.8 | 15.1 | 0.03536 | 0.2121 | 1.42% | 0 |
| 100 | | 2 | 14.95 | 14.88 | 15.02 | 14.8 | 15.1 | 0.03536 | 0.2121 | 1.42% | 0 |
| Overall | | 12 | 14.96 | | | 14.8 | 15.1 | | | | 0 (0%) |




CETIS Measurement Report

Report Date: 11 Jan-10 14:36 (p 2 of 2)

Test Code: 19-3122-6640/VCF1209071k

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|-----|
| 0 | Negative Contr | 7.9 | 6 |
| 6.25 | | 6.9 | 5.7 |
| 12.5 | | 6.5 | 5.6 |
| 25 | | 6.6 | 5.6 |
| 50 | | 6.6 | 5.7 |
| 100 | | 6.7 | 5.7 |

Total Ammonia (N)-mg/L

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|---|---|
| 0 | Negative Contr | 0 | |
| 100 | | 0 | 0 |

pH-Units

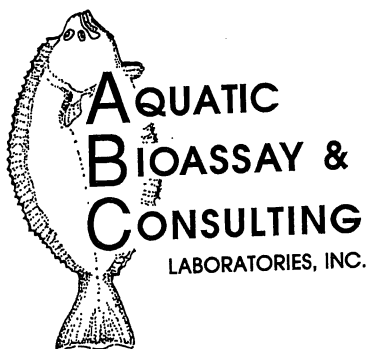
| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|-----|
| 0 | Negative Contr | 8 | 7.9 |
| 6.25 | | 8.1 | 7.9 |
| 12.5 | | 8.1 | 8 |
| 25 | | 8.1 | 8 |
| 50 | | 8.1 | 8.1 |
| 100 | | 8.1 | 8.1 |

Salinity-ppt

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|----|----|
| 0 | Negative Contr | 34 | 34 |
| 6.25 | | 34 | 34 |
| 12.5 | | 34 | 34 |
| 25 | | 34 | 34 |
| 50 | | 34 | 34 |
| 100 | | 34 | 34 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|------|------|
| 0 | Negative Contr | 14.9 | 15.1 |
| 6.25 | | 14.8 | 15.1 |
| 12.5 | | 14.8 | 15.1 |
| 25 | | 14.8 | 15.1 |
| 50 | | 14.8 | 15.1 |
| 100 | | 14.8 | 15.1 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms*, EPA-600/R95/136, 1995. Results were as follows:


| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | ME-VR2 |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.071 |

CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

NOEC = 50.00 %
TU_c = 2.00

IC₂₅ = >100.00 %
IC₅₀ = >100.00 %

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 11 Jan-10 10:32 (p 1 of 2)
Test Code: 09-7194-4049/VCF1209071u

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|---|---|
| Analysis ID: 16-8565-6139 | Endpoint: Fertilization Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 11 Jan-10 10:32 | Analysis: Nonparametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 11-3196-0453 | Test Type: Fertilization | Analyst: |
| Start Date: 08 Dec-09 12:03 | Protocol: EPA/600/R-95/136 (1995) | Diluent: Laboratory Seawater |
| Ending Date: 08 Dec-09 13:03 | Species: Strongylocentrotus purpuratus | Brine: Not Applicable |
| Duration: 60m | Source: David Gutoff | Age: |
| Sample ID: 08-0345-2387 | Code: VCF1209071u | Client: VCWPD |
| Sample Date: 07 Dec-09 15:15 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 21h (3.3 °C) | Station: ME-VR2 | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|---------------------|------|---------|-------------|------|------|-------|----|-------|
| Angular (Corrected) | 0 | C > T | Not Run | 50 | 100 | 70.71 | 2 | 0.49% |

Steel Many-One Rank Test

| Control | vs | Conc-% | Test Stat | Critical | Ties | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|------|---------|------------------------|
| Negative Control | | 6.25 | 18 | 10 | 1 | 0.8333 | Non-Significant Effect |
| | | 12.5 | 18 | 10 | 1 | 0.8333 | Non-Significant Effect |
| | | 25 | 18 | 10 | 1 | 0.8333 | Non-Significant Effect |
| | | 50 | 18 | 10 | 1 | 0.8333 | Non-Significant Effect |
| | | 100* | 10 | 10 | 0 | 0.0417 | Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 1 | 0.7 - NL | Yes | Result Within Limits |
| PMSD | 0.004886 | NL - 0.25 | No | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|------------------|
| Extreme Value | Grubbs Single Outlier | 3.698 | 2.802 | 0.0001 | Outlier Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|--------------|----|--------|---------|--------------------|
| Between | 0.252189 | 0.0504378 | 5 | 367.6 | <0.0001 | Significant Effect |
| Error | 0.002469879 | 0.0001372155 | 18 | | | |
| Total | 0.2546589 | 0.05057502 | 23 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|-------------------------|
| Variances | Mod Levene Equality of Variance | 6.282 | 4.248 | 0.0015 | Unequal Variances |
| Distribution | Shapiro-Wilk Normality | 0.4983 | | <0.0001 | Non-normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.4167 | 0.2056 | <0.0001 | Non-normal Distribution |
| Distribution | D'Agostino Skewness | 2.577 | 2.576 | 0.0100 | Non-normal Distribution |
| Distribution | D'Agostino Kurtosis | 3.952 | 2.576 | <0.0001 | Non-normal Distribution |
| Distribution | D'Agostino Omnibus | 22.26 | 9.21 | <0.0001 | Non-normal Distribution |

CETIS Analytical Report

Report Date: 11 Jan-10 10:32 (p 2 of 2)
Test Code: 09-7194-4049/VCF1209071u

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 16-8565-6139
Analyzed: 11 Jan-10 10:32

Endpoint: Fertilization Rate
Analysis: Nonparametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

Fertilization Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|---------|---------|------|------|----------|---------|------|--------|
| 0 | Negative Control | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 6.25 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 12.5 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 25 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 50 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 100 | | 4 | 0.8975 | 0.891 | 0.904 | 0.88 | 0.92 | 0.003171 | 0.01708 | 1.9% | 10.25% |

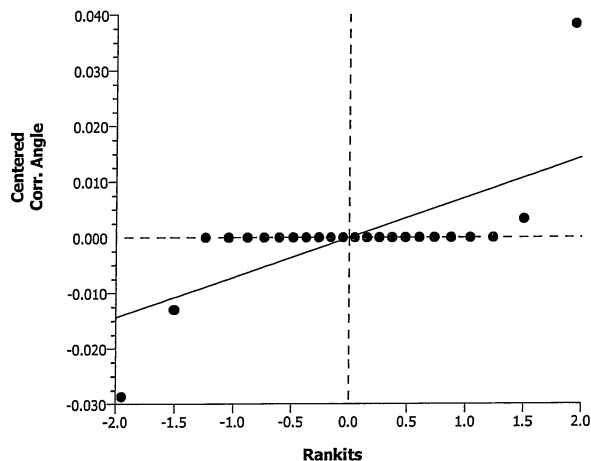
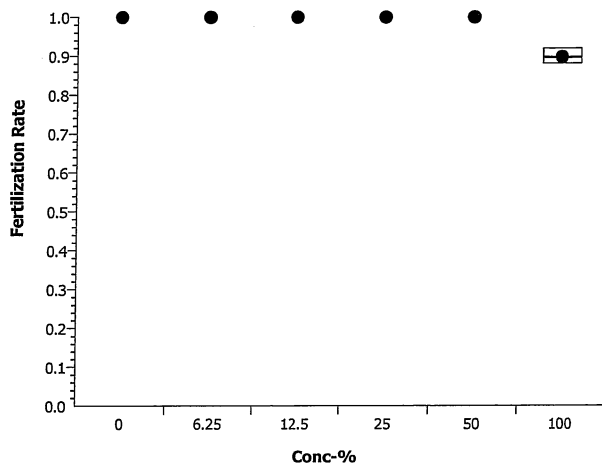
Angular (Corrected) Transformed Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|----------------|-------|-------|---------|---------|-------|-------|----------|---------|------|--------|
| 0 | Negative Contr | 4 | 1.521 | 1.521 | 1.521 | 1.521 | 1.521 | 0 | 0 | 0.0% | 0.0% |
| 6.25 | | 4 | 1.521 | 1.521 | 1.521 | 1.521 | 1.521 | 0 | 0 | 0.0% | 0.0% |
| 12.5 | | 4 | 1.521 | 1.521 | 1.521 | 1.521 | 1.521 | 0 | 0 | 0.0% | 0.0% |
| 25 | | 4 | 1.521 | 1.521 | 1.521 | 1.521 | 1.521 | 0 | 0 | 0.0% | 0.0% |
| 50 | | 4 | 1.521 | 1.521 | 1.521 | 1.521 | 1.521 | 0 | 0 | 0.0% | 0.0% |
| 100 | | 4 | 1.246 | 1.235 | 1.257 | 1.217 | 1.284 | 0.005328 | 0.02869 | 2.3% | 18.09% |

Fertilization Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 1 | 1 |
| 100 | | 0.89 | 0.88 | 0.92 | 0.9 |

Graphics



CETIS Analytical Report

Report Date: 11 Jan-10 10:32 (p 1 of 2)
Test Code: 09-7194-4049/VCF1209071u

Aquatic Bioassay & Consulting Labs, Inc.

Purple Sea Urchin Sperm Cell Fertilization Test

| | | |
|-------------------------------|--|---|
| Analysis ID: 14-4990-9538 | Endpoint: Fertilization Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 11 Jan-10 10:32 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 11-3196-0453 | Test Type: Fertilization | Analyst: |
| Start Date: 08 Dec-09 12:03 | Protocol: EPA/600/R-95/136 (1995) | Diluent: Laboratory Seawater |
| Ending Date: 08 Dec-09 13:03 | Species: Strongylocentrotus purpuratus | Brine: Not Applicable |
| Duration: 60m | Source: David Guttoff | Age: |
| Sample ID: 08-0345-2387 | Code: VCF1209071u | Client: VCWPD |
| Sample Date: 07 Dec-09 15:15 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 21h (3.3 °C) | Station: ME-VR2 | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|--------|-----------|------------|-------------------------|
| Linear | Linear | 535045 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 1 | 0.7 - NL | Yes | Result Within Limits |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|-------|---------|---------|-------|---------|---------|
| EC5 | 74.39 | 69.41 | 81.08 | 1.344 | 1.233 | 1.441 |
| EC10 | 98.78 | 88.82 | N/A | 1.012 | N/A | 1.126 |
| EC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Fertilization Rate Summary

| | | | Calculated Variate(A/B) | | | | | | | | A | B |
|--------|------------------|-------|-------------------------|------|------|----------|---------|------|--------|-----|-----|-----|
| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | | | |
| 0 | Negative Control | 4 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 400 | 400 | 400 |
| 6.25 | | 4 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 400 | 400 | 400 |
| 12.5 | | 4 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 400 | 400 | 400 |
| 25 | | 4 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 400 | 400 | 400 |
| 50 | | 4 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 400 | 400 | 400 |
| 100 | | 4 | 0.8975 | 0.88 | 0.92 | 0.003118 | 0.01708 | 1.9% | 10.25% | 359 | 400 | 400 |

Fertilization Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 1 | 1 |
| 100 | | 0.89 | 0.88 | 0.92 | 0.9 |

CETIS Measurement Report

Report Date: 11 Jan-10 10:32 (p 1 of 2)
Test Code: 09-7194-4049/VCF1209071u

Aquatic Bioassay & Consulting Labs, Inc.

Purple Sea Urchin Sperm Cell Fertilization Test

Batch ID: 11-3196-0453
Start Date: 08 Dec-09 12:03
Ending Date: 08 Dec-09 13:03
Duration: 60m
Test Type: Fertilization
Protocol: EPA/600/R-95/136 (1995)
Species: Strongylocentrotus purpuratus
Source: David Gutoff

Analyst:
Diluent: Laboratory Seawater
Brine: Not Applicable
Age:

Sample ID: 08-0345-2387
Sample Date: 07 Dec-09 15:15
Receive Date: 07 Dec-09 18:30
Sample Age: 21h (3.3 °C)
Code: VCF1209071u
Material: Sample Water
Source: Bioassay Report
Station: ME-VR2

Client: VCWPD
Project: NPDES Stormwater Monitoring Progra

Parameter Acceptability

| Parameter | Min | Max | Acceptability Limits | Overlap | Decision |
|----------------|------|------|----------------------|---------|-----------------------|
| Salinity-ppt | 34 | 34 | 32 - 36 | Yes | Results Within Limits |
| Temperature-°C | 14.8 | 15.1 | 11 - 13 | Yes | Results Above Limit |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 2 | 6.95 | 6.495 | 7.405 | 6 | 7.9 | 0.2239 | 1.344 | 19.33% | 0 |
| 6.25 | | 2 | 6.3 | 6.013 | 6.587 | 5.7 | 6.9 | 0.1414 | 0.8485 | 13.47% | 0 |
| 12.5 | | 2 | 6.05 | 5.835 | 6.265 | 5.6 | 6.5 | 0.1061 | 0.6364 | 10.52% | 0 |
| 25 | | 2 | 6.1 | 5.861 | 6.339 | 5.6 | 6.6 | 0.1179 | 0.7071 | 11.59% | 0 |
| 50 | | 2 | 6.15 | 5.935 | 6.365 | 5.7 | 6.6 | 0.1061 | 0.6364 | 10.35% | 0 |
| 100 | | 2 | 6.2 | 5.961 | 6.439 | 5.7 | 6.7 | 0.1179 | 0.7071 | 11.4% | 0 |
| Overall | | 12 | 6.292 | | | 5.6 | 7.9 | | | | 0 (0%) |

Total Ammonia (N)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|-----|----------|
| 0 | Negative Contr | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| 100 | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 (0%) |
| Overall | | 3 | 0 | | | 0 | 0 | | | | |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 6.25 | | 2 | 8 | 7.952 | 8.048 | 7.9 | 8.1 | 0.02357 | 0.1414 | 1.77% | 0 |
| 12.5 | | 2 | 8.05 | 8.026 | 8.074 | 8 | 8.1 | 0.01179 | 0.07073 | 0.88% | 0 |
| 25 | | 2 | 8.05 | 8.026 | 8.074 | 8 | 8.1 | 0.01179 | 0.07073 | 0.88% | 0 |
| 50 | | 2 | 8.1 | 8.099 | 8.101 | 8.1 | 8.1 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 8.1 | 8.099 | 8.101 | 8.1 | 8.1 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 8.042 | | | 7.9 | 8.1 | | | | 0 (0%) |

Salinity-ppt

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 25 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 50 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 34 | | | 34 | 34 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 11 Jan-10 10:32 (p 2 of 2)
Test Code: 09-7194-4049/CF1209071u

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| 0 | Negative Contr | 2 | 15 | 14.95 | 15.05 | 14.9 | 15.1 | 0.02357 | 0.1414 | 0.94% | 0 |
| 6.25 | | 2 | 14.95 | 14.88 | 15.02 | 14.8 | 15.1 | 0.03536 | 0.2121 | 1.42% | 0 |
| 12.5 | | 2 | 14.95 | 14.88 | 15.02 | 14.8 | 15.1 | 0.03536 | 0.2121 | 1.42% | 0 |
| 25 | | 2 | 14.95 | 14.88 | 15.02 | 14.8 | 15.1 | 0.03536 | 0.2121 | 1.42% | 0 |
| 50 | | 2 | 14.95 | 14.88 | 15.02 | 14.8 | 15.1 | 0.03536 | 0.2121 | 1.42% | 0 |
| 100 | | 2 | 14.95 | 14.88 | 15.02 | 14.8 | 15.1 | 0.03536 | 0.2121 | 1.42% | 0 |
| Overall | | 12 | 14.96 | | | 14.8 | 15.1 | | | | 0 (0%) |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|-----|
| 0 | Negative Contr | 7.9 | 6 |
| 6.25 | | 6.9 | 5.7 |
| 12.5 | | 6.5 | 5.6 |
| 25 | | 6.6 | 5.6 |
| 50 | | 6.6 | 5.7 |
| 100 | | 6.7 | 5.7 |

Total Ammonia (N)-mg/L

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|---|---|
| 0 | Negative Contr | 0 | |
| 100 | | 0 | 0 |

pH-Units

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|-----|-----|
| 0 | Negative Contr | 8 | 7.9 |
| 6.25 | | 8.1 | 7.9 |
| 12.5 | | 8.1 | 8 |
| 25 | | 8.1 | 8 |
| 50 | | 8.1 | 8.1 |
| 100 | | 8.1 | 8.1 |

Salinity-ppt

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|----|----|
| 0 | Negative Contr | 34 | 34 |
| 6.25 | | 34 | 34 |
| 12.5 | | 34 | 34 |
| 25 | | 34 | 34 |
| 50 | | 34 | 34 |
| 100 | | 34 | 34 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 |
|--------|----------------|------|------|
| 0 | Negative Contr | 14.9 | 15.1 |
| 6.25 | | 14.8 | 15.1 |
| 12.5 | | 14.8 | 15.1 |
| 25 | | 14.8 | 15.1 |
| 50 | | 14.8 | 15.1 |
| 100 | | 14.8 | 15.1 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

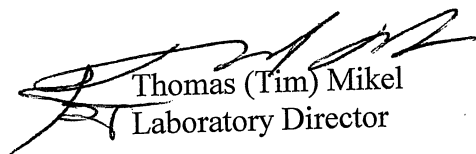
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Estuarine Organisms*, EPA/821/R-02-014. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | ME-VR2 |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.071 |

CHRONIC MENIDIA SURVIVAL AND GROWTH BIOASSAY

| | | |
|----------|-------------------|-----------|
| Survival | NOEC = | 100.00 |
| | TU _c = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |
| Biomass | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 07 Jan-10 12:05 (p 1 of 4)
Test Code: 13-2247-8805/VCF1209071m

Aquatic Bioassay & Consulting Labs, Inc.

Inland Silverside 7-d Larval Survival and Growth Test

| | | |
|-------------------------------|--|---|
| Analysis ID: 21-1349-3149 | Endpoint: Mean Dry Biomass-mg | CETIS Version: CETISv1.7.0 |
| Analyzed: 07 Jan-10 12:05 | Analysis: Parametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 01-5257-1791 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 16:04 | Protocol: EPA/821/R-02-014 (2002) | Diluent: Laboratory Seawater |
| Ending Date: 15 Dec-09 14:00 | Species: Menidia beryllina | Brine: Not Applicable |
| Duration: 6d 22h | Source: Aquatic Biosystems, CO | Age: 7-10 |
| Sample ID: 14-4848-7709 | Code: VCF1209071m | Client: VCWPD |
| Sample Date: 07 Dec-09 15:15 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 25h (3.3 °C) | Station: ME-VR2 | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|------|----|--------|
| Untransformed | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 15.95% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|-------|---------|------------------------|
| Negative Control | | 6.25* | 2.732 | 2.407 | 0.102 | 0.0266 | Significant Effect |
| | | 12.5* | 3.924 | 2.407 | 0.102 | 0.0022 | Significant Effect |
| | | 25 | 1.782 | 2.407 | 0.102 | 0.1493 | Non-Significant Effect |
| | | 50 | 0.7907 | 2.407 | 0.102 | 0.5165 | Non-Significant Effect |
| | | 100 | 1.735 | 2.407 | 0.102 | 0.1609 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|-------------|---------|----------------------|
| Control Resp | 0.6392 | 0.5 - NL | Yes | Result Within Limits |
| PMSD | 0.1595 | 0.11 - 0.28 | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 2.287 | 2.802 | 0.3778 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|--------------------|
| Between | 0.06920504 | 0.01384101 | 5 | 3.855 | 0.0150 | Significant Effect |
| Error | 0.06461985 | 0.003589992 | 18 | | | |
| Total | 0.1338249 | 0.017431 | 23 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 2.491 | 15.09 | 0.7778 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 0.4481 | 4.248 | 0.8091 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9787 | | 0.8702 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.09362 | 0.2056 | 0.9533 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.3969 | 2.576 | 0.6915 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 0.1208 | 2.576 | 0.9038 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 0.1721 | 9.21 | 0.9175 | Normal Distribution |

Mean Dry Biomass-mg Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|---------|---------|-------|-------|----------|---------|--------|--------|
| 0 | Negative Control | 4 | 0.6392 | 0.6155 | 0.663 | 0.57 | 0.719 | 0.01161 | 0.06251 | 9.78% | 0.0% |
| 6.25 | | 4 | 0.5235 | 0.5083 | 0.5387 | 0.47 | 0.566 | 0.007429 | 0.04001 | 7.64% | 18.11% |
| 12.5 | | 4 | 0.473 | 0.4515 | 0.4945 | 0.401 | 0.538 | 0.01051 | 0.05661 | 11.97% | 26.01% |
| 25 | | 4 | 0.5637 | 0.5478 | 0.5797 | 0.501 | 0.589 | 0.007798 | 0.04199 | 7.45% | 11.81% |
| 50 | | 4 | 0.6057 | 0.5852 | 0.6263 | 0.541 | 0.659 | 0.01001 | 0.05391 | 8.9% | 5.24% |
| 100 | | 4 | 0.5658 | 0.5314 | 0.6001 | 0.469 | 0.687 | 0.01677 | 0.09032 | 15.96% | 11.5% |

CETIS Analytical Report

Report Date: 07 Jan-10 12:05 (p 2 of 4)
 Test Code: 13-2247-8805/VCF1209071m

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

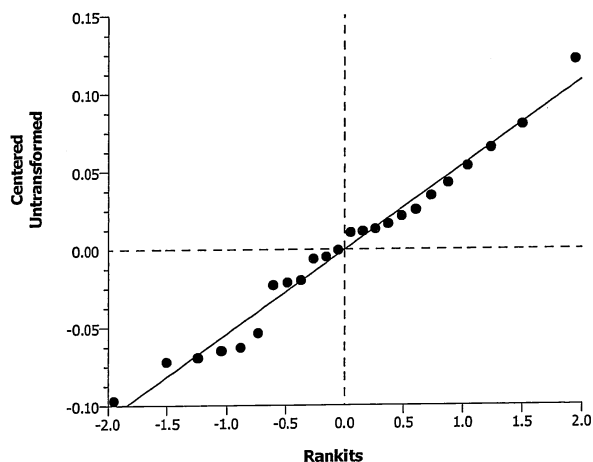
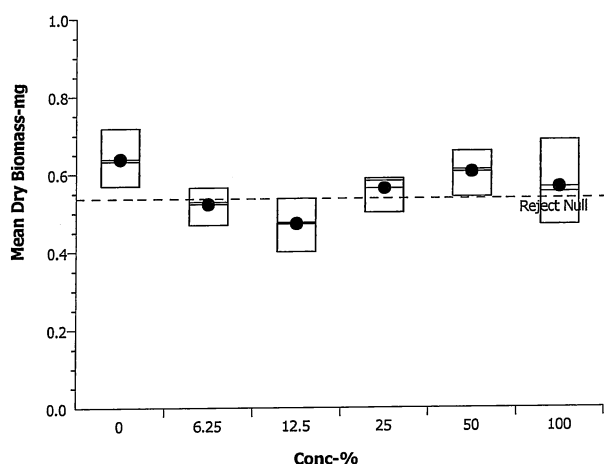
Analysis ID: 21-1349-3149 Endpoint: Mean Dry Biomass-mg
 Analyzed: 07 Jan-10 12:05 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
 Official Results: Yes

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 0.618 | 0.57 | 0.719 | 0.65 |
| 6.25 | | 0.47 | 0.566 | 0.535 | 0.523 |
| 12.5 | | 0.486 | 0.538 | 0.401 | 0.467 |
| 25 | | 0.585 | 0.58 | 0.501 | 0.589 |
| 50 | | 0.541 | 0.64 | 0.583 | 0.659 |
| 100 | | 0.561 | 0.546 | 0.687 | 0.469 |

Graphics



CETIS Analytical Report

Report Date: 07 Jan-10 12:05 (p 3 of 4)
Test Code: 13-2247-8805/VCF1209071m

Aquatic Bioassay & Consulting Labs, Inc.

Inland Silverside 7-d Larval Survival and Growth Test

| | | |
|-------------------------------|---|---|
| Analysis ID: 10-9864-7440 | Endpoint: 7d Survival Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 07 Jan-10 12:05 | Analysis: Nonparametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 01-5257-1791 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 16:04 | Protocol: EPA/821/R-02-014 (2002) | Diluent: Laboratory Seawater |
| Ending Date: 15 Dec-09 14:00 | Species: Menidia beryllina | Brine: Not Applicable |
| Duration: 6d 22h | Source: Aquatic Biosystems, CO | Age: 7-10 |
| Sample ID: 14-4848-7709 | Code: VCF1209071m | Client: VCWPD |
| Sample Date: 07 Dec-09 15:15 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 25h (3.3 °C) | Station: ME-VR2 | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|---------------------|------|---------|-------------|------|------|------|----|--------|
| Angular (Corrected) | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 21.15% |

Steel Many-One Rank Test

| Control | vs | Conc-% | Test Stat | Critical | Ties | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|------|---------|------------------------|
| Negative Control | | 6.25 | 14.5 | 10 | 1 | 0.4092 | Non-Significant Effect |
| | | 12.5 | 19 | 10 | 2 | 0.9054 | Non-Significant Effect |
| | | 25 | 19 | 10 | 3 | 0.9054 | Non-Significant Effect |
| | | 50 | 17.5 | 10 | 3 | 0.7867 | Non-Significant Effect |
| | | 100 | 17 | 10 | 3 | 0.7334 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.9 | 0.8 - NL | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|------------------|
| Extreme Value | Grubbs Single Outlier | 2.871 | 2.802 | 0.0359 | Outlier Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|------------------------|
| Between | 0.08050973 | 0.01610195 | 5 | 0.6677 | 0.6529 | Non-Significant Effect |
| Error | 0.4340896 | 0.02411609 | 18 | | | |
| Total | 0.5145993 | 0.04021803 | 23 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|-------------------------|
| Variances | Bartlett Equality of Variance | 7.309 | 15.09 | 0.1986 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 0.4732 | 4.248 | 0.7914 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.8714 | | 0.0056 | Non-normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.1751 | 0.2056 | 0.0553 | Normal Distribution |
| Distribution | D'Agostino Skewness | 2.414 | 2.576 | 0.0158 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 1.725 | 2.576 | 0.0845 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 8.802 | 9.21 | 0.0123 | Normal Distribution |

CETIS Analytical Report

Report Date: 07 Jan-10 12:05 (p 4 of 4)
 Test Code: 13-2247-8805/VCF1209071m

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 10-9864-7440 Endpoint: 7d Survival Rate
 Analyzed: 07 Jan-10 12:05 Analysis: Nonparametric-Control vs Treatments

CETIS Version: CETISv1.7.0
 Official Results: Yes

7d Survival Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|-------|---------|---------|-----|-----|----------|---------|--------|--------|
| 0 | Negative Control | 4 | 0.9 | 0.8462 | 0.9538 | 0.7 | 1 | 0.02626 | 0.1414 | 15.71% | 0.0% |
| 6.25 | | 4 | 0.825 | 0.806 | 0.844 | 0.8 | 0.9 | 0.009285 | 0.05 | 6.06% | 8.33% |
| 12.5 | | 4 | 0.9 | 0.8239 | 0.9761 | 0.6 | 1 | 0.03714 | 0.2 | 22.22% | 0.0% |
| 25 | | 4 | 0.95 | 0.928 | 0.972 | 0.9 | 1 | 0.01072 | 0.05773 | 6.08% | -5.56% |
| 50 | | 4 | 0.925 | 0.906 | 0.944 | 0.9 | 1 | 0.009285 | 0.05 | 5.41% | -2.78% |
| 100 | | 4 | 0.9 | 0.8689 | 0.9311 | 0.8 | 1 | 0.01516 | 0.08165 | 9.07% | 0.0% |

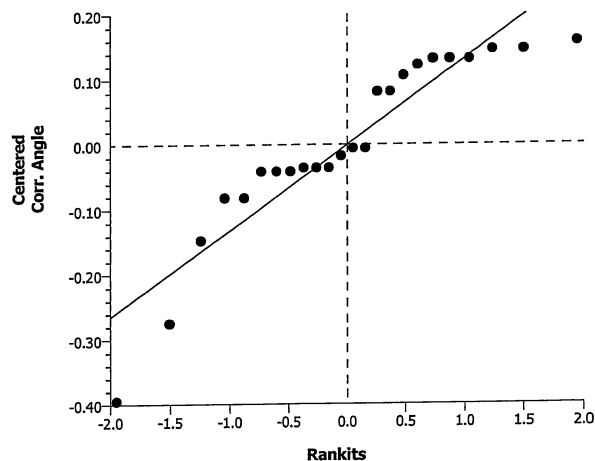
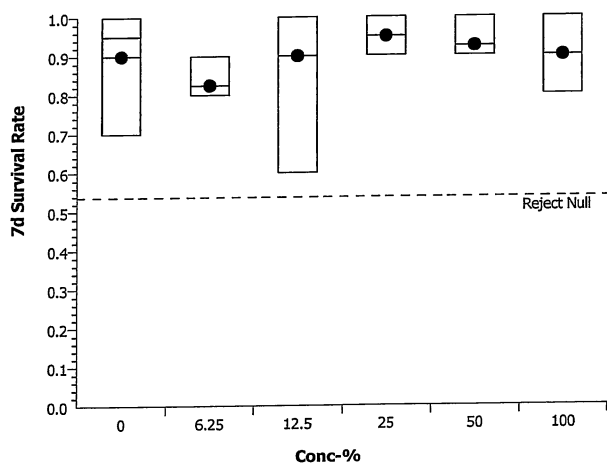
Angular (Corrected) Transformed Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|----------------|-------|-------|---------|---------|--------|-------|---------|---------|--------|--------|
| 0 | Negative Contr | 4 | 1.266 | 1.19 | 1.342 | 0.9912 | 1.412 | 0.0369 | 0.1987 | 15.7% | 0.0% |
| 6.25 | | 4 | 1.143 | 1.116 | 1.17 | 1.107 | 1.249 | 0.01317 | 0.07095 | 6.21% | 9.75% |
| 12.5 | | 4 | 1.281 | 1.181 | 1.381 | 0.8861 | 1.412 | 0.04883 | 0.263 | 20.54% | -1.14% |
| 25 | | 4 | 1.331 | 1.295 | 1.366 | 1.249 | 1.412 | 0.01747 | 0.09409 | 7.07% | -5.09% |
| 50 | | 4 | 1.29 | 1.259 | 1.321 | 1.249 | 1.412 | 0.01513 | 0.08149 | 6.32% | -1.87% |
| 100 | | 4 | 1.254 | 1.207 | 1.302 | 1.107 | 1.412 | 0.02314 | 0.1246 | 9.94% | 0.93% |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 0.7 | 0.9 | 1 |
| 6.25 | | 0.9 | 0.8 | 0.8 | 0.8 |
| 12.5 | | 1 | 1 | 0.6 | 1 |
| 25 | | 0.9 | 1 | 0.9 | 1 |
| 50 | | 0.9 | 1 | 0.9 | 0.9 |
| 100 | | 0.8 | 0.9 | 1 | 0.9 |

Graphics



CETIS Analytical Report

Report Date: 07 Jan-10 12:05 (p 1 of 4)
Test Code: 13-2247-8805/VCF1209071m

Aquatic Bioassay & Consulting Labs, Inc.

Inland Silverside 7-d Larval Survival and Growth Test

| | | |
|-------------------------------|--|---|
| Analysis ID: 18-6912-6730 | Endpoint: Mean Dry Biomass-mg | CETIS Version: CETISv1.7.0 |
| Analyzed: 07 Jan-10 12:05 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 01-5257-1791 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 16:04 | Protocol: EPA/821/R-02-014 (2002) | Diluent: Laboratory Seawater |
| Ending Date: 15 Dec-09 14:00 | Species: Menidia beryllina | Brine: Not Applicable |
| Duration: 6d 22h | Source: Aquatic Biosystems, CO | Age: 7-10 |
| Sample ID: 14-4848-7709 | Code: VCF1209071m | Client: VCWPD |
| Sample Date: 07 Dec-09 15:15 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 25h (3.3 °C) | Station: ME-VR2 | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 3019480 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.6392 | 0.5 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 2.287 | 2.802 | 0.3778 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|-------|---------|---------|-------|---------|---------|
| IC5 | 2.15 | 1.036 | 6.072 | 46.5 | 16.47 | 96.56 |
| IC10 | 4.301 | 2.071 | N/A | 23.25 | N/A | 48.28 |
| IC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Mean Dry Biomass-mg Summary

Calculated Variate

| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|-------|-------|----------|---------|--------|--------|
| 0 | Negative Control | 4 | 0.6392 | 0.57 | 0.719 | 0.01141 | 0.06251 | 9.78% | 0.0% |
| 6.25 | | 4 | 0.5235 | 0.47 | 0.566 | 0.007304 | 0.04001 | 7.64% | 18.11% |
| 12.5 | | 4 | 0.473 | 0.401 | 0.538 | 0.01034 | 0.05661 | 11.97% | 26.01% |
| 25 | | 4 | 0.5637 | 0.501 | 0.589 | 0.007667 | 0.04199 | 7.45% | 11.81% |
| 50 | | 4 | 0.6057 | 0.541 | 0.659 | 0.009842 | 0.05391 | 8.9% | 5.24% |
| 100 | | 4 | 0.5658 | 0.469 | 0.687 | 0.01649 | 0.09032 | 15.96% | 11.5% |

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 0.618 | 0.57 | 0.719 | 0.65 |
| 6.25 | | 0.47 | 0.566 | 0.535 | 0.523 |
| 12.5 | | 0.486 | 0.538 | 0.401 | 0.467 |
| 25 | | 0.585 | 0.58 | 0.501 | 0.589 |
| 50 | | 0.541 | 0.64 | 0.583 | 0.659 |
| 100 | | 0.561 | 0.546 | 0.687 | 0.469 |

CETIS Analytical Report

Report Date: 07 Jan-10 12:05 (p 2 of 4)
Test Code: 13-2247-8805/VCF1209071m

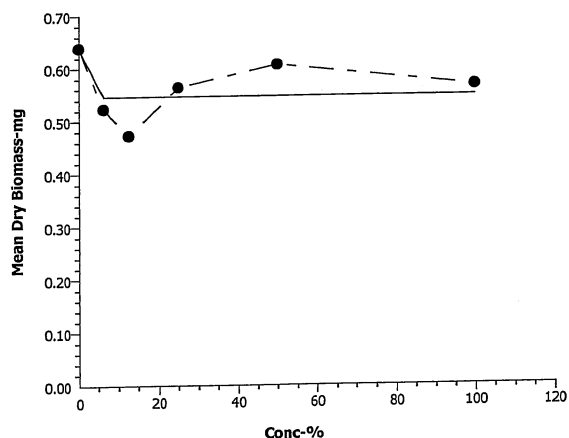
Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 18-6912-6730 Endpoint: Mean Dry Biomass-mg
Analyzed: 07 Jan-10 12:05 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 07 Jan-10 12:05 (p 3 of 4)
Test Code: 13-2247-8805/VCF1209071m

| Inland Silverside 7-d Larval Survival and Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | |
|---|-----------------|------------|------------------------------|--|------------------------------------|
| Analysis ID: | 06-7453-2310 | Endpoint: | 7d Survival Rate | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 07 Jan-10 12:05 | Analysis: | Linear Interpolation (ICPIN) | Official Results: | Yes |
| Batch ID: | 01-5257-1791 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 16:04 | Protocol: | EPA/821/R-02-014 (2002) | Diluent: | Laboratory Seawater |
| Ending Date: | 15 Dec-09 14:00 | Species: | Menidia beryllina | Brine: | Not Applicable |
| Duration: | 6d 22h | Source: | Aquatic Biosystems, CO | Age: | 7-10 |
| Sample ID: | 14-4848-7709 | Code: | VCF1209071m | Client: | VCWPD |
| Sample Date: | 07 Dec-09 15:15 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 25h (3.3 °C) | Station: | ME-VR2 | | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 3019480 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.9 | 0.8 - NL | Yes | Result Within Limits |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|------|---------|---------|----|---------|---------|
| EC5 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC50 | >100 | N/A | N/A | <1 | N/A | N/A |

7d Survival Rate Summary

| | | Calculated Variate(A/B) | | | | | | | | | |
|--------|------------------|-------------------------|-------|-----|-----|----------|---------|--------|--------|----|----|
| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | A | B |
| 0 | Negative Control | 4 | 0.9 | 0.7 | 1 | 0.02582 | 0.1414 | 15.71% | 0.0% | 36 | 40 |
| 6.25 | | 4 | 0.825 | 0.8 | 0.9 | 0.009129 | 0.05 | 6.06% | 8.33% | 33 | 40 |
| 12.5 | | 4 | 0.9 | 0.6 | 1 | 0.03651 | 0.2 | 22.22% | 0.0% | 36 | 40 |
| 25 | | 4 | 0.95 | 0.9 | 1 | 0.01054 | 0.05773 | 6.08% | -5.56% | 38 | 40 |
| 50 | | 4 | 0.925 | 0.9 | 1 | 0.009129 | 0.05 | 5.41% | -2.78% | 37 | 40 |
| 100 | | 4 | 0.9 | 0.8 | 1 | 0.01491 | 0.08165 | 9.07% | 0.0% | 36 | 40 |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 0.7 | 0.9 | 1 |
| 6.25 | | 0.9 | 0.8 | 0.8 | 0.8 |
| 12.5 | | 1 | 1 | 0.6 | 1 |
| 25 | | 0.9 | 1 | 0.9 | 1 |
| 50 | | 0.9 | 1 | 0.9 | 0.9 |
| 100 | | 0.8 | 0.9 | 1 | 0.9 |

CETIS Analytical Report

Report Date: 07 Jan-10 12:05 (p 4 of 4)
Test Code: 13-2247-8805/VCF1209071m

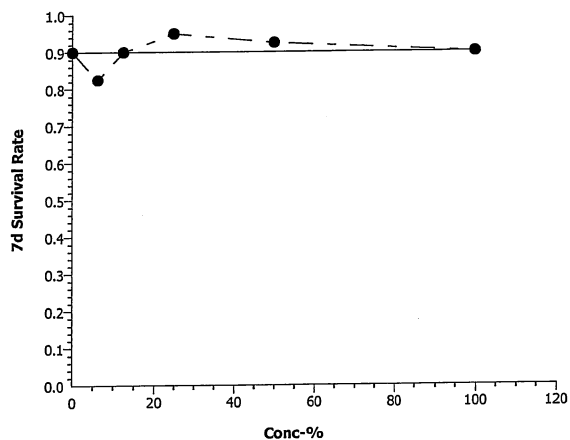
Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 06-7453-2310 Endpoint: 7d Survival Rate
Analyzed: 07 Jan-10 12:05 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 07 Jan-10 12:05 (p 1 of 2)
Test Code: 13-2247-8805/VCF1209071m

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|-------------------------|----------|------------------------------------|
| Batch ID: | 01-5257-1791 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 16:04 | Protocol: | EPA/821/R-02-014 (2002) | Diluent: | Laboratory Seawater |
| Ending Date: | 15 Dec-09 14:00 | Species: | Menidia beryllina | Brine: | Not Applicable |
| Duration: | 6d 22h | Source: | Aquatic Biosystems, CO | Age: | 7-10 |
| Sample ID: | 14-4848-7709 | Code: | VCF1209071m | Client: | VCWPD |
| Sample Date: | 07 Dec-09 15:15 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 25h (3.3 °C) | Station: | ME-VR2 | | |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 6.5 | 6.335 | 6.665 | 6 | 7 | 0.08116 | 0.487 | 7.49% | 0 |
| 6.25 | | 8 | 6.275 | 6.128 | 6.422 | 5.7 | 6.8 | 0.07224 | 0.4334 | 6.91% | 0 |
| 12.5 | | 8 | 6.288 | 6.147 | 6.428 | 5.8 | 6.8 | 0.06926 | 0.4155 | 6.61% | 0 |
| 25 | | 8 | 6.275 | 6.154 | 6.396 | 5.9 | 6.8 | 0.0596 | 0.3576 | 5.7% | 0 |
| 50 | | 8 | 6.238 | 6.114 | 6.361 | 5.8 | 6.8 | 0.06103 | 0.3662 | 5.87% | 0 |
| 100 | | 8 | 6.3 | 6.171 | 6.429 | 5.9 | 6.8 | 0.06362 | 0.3817 | 6.06% | 0 |
| Overall | | 48 | 6.313 | | | 5.7 | 7 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|------|----------|---------|-------|----------|
| 0 | Negative Contr | 8 | 7.875 | 7.859 | 7.891 | 7.8 | 7.9 | 0.007713 | 0.04628 | 0.59% | 0 |
| 6.25 | | 8 | 7.863 | 7.845 | 7.88 | 7.8 | 7.9 | 0.008625 | 0.05175 | 0.66% | 0 |
| 12.5 | | 8 | 7.875 | 7.859 | 7.891 | 7.8 | 7.9 | 0.007713 | 0.04628 | 0.59% | 0 |
| 25 | | 8 | 24.13 | 24.07 | 24.18 | 24 | 24.5 | 0.02781 | 0.1669 | 0.69% | 0 |
| 50 | | 8 | 7.863 | 7.845 | 7.88 | 7.8 | 7.9 | 0.008625 | 0.05175 | 0.66% | 0 |
| 100 | | 8 | 7.863 | 7.845 | 7.88 | 7.8 | 7.9 | 0.008625 | 0.05175 | 0.66% | 0 |
| Overall | | 48 | 10.58 | | | 7.8 | 24.5 | | | | 0 (0%) |

Salinity-ppt

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 25 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 50 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 48 | 34 | | | 34 | 34 | | | | 0 (0%) |

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|------|----------|---------|-------|----------|
| 0 | Negative Contr | 8 | 24.05 | 24.03 | 24.07 | 24 | 24.1 | 0.00889 | 0.05334 | 0.22% | 0 |
| 6.25 | | 8 | 24.06 | 24.05 | 24.08 | 24 | 24.1 | 0.008602 | 0.05161 | 0.21% | 0 |
| 12.5 | | 8 | 24.14 | 24.08 | 24.19 | 24 | 24.5 | 0.02663 | 0.1598 | 0.66% | 0 |
| 25 | | 8 | 24.08 | 24.05 | 24.1 | 24 | 24.2 | 0.01177 | 0.0706 | 0.29% | 0 |
| 50 | | 8 | 24.1 | 24.07 | 24.13 | 24 | 24.2 | 0.01258 | 0.07547 | 0.31% | 0 |
| 100 | | 8 | 24.08 | 24.06 | 24.09 | 24 | 24.1 | 0.007683 | 0.0461 | 0.19% | 0 |
| Overall | | 48 | 24.08 | | | 24 | 24.5 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 07 Jan-10 12:05 (p 2 of 2)
Test Code: 13-2247-8805/VCF1209071m

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 6 | 6 | 6 | 7 | 6.9 | 7 | 6.9 | 6.2 |
| 6.25 | | 6.1 | 5.7 | 5.9 | 6.2 | 6.7 | 6.8 | 6.8 | 6 |
| 12.5 | | 6.1 | 5.8 | 5.9 | 6.2 | 6.7 | 6.8 | 6.8 | 6 |
| 25 | | 6.1 | 6 | 5.9 | 6.3 | 6.5 | 6.7 | 6.8 | 5.9 |
| 50 | | 6.1 | 6 | 5.8 | 6.4 | 6.2 | 6.7 | 6.8 | 5.9 |
| 100 | | 6.7 | 6 | 5.9 | 6.3 | 6.1 | 6.7 | 6.8 | 5.9 |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|------|-----|------|------|------|-----|------|
| 0 | Negative Contr | 7.9 | 7.8 | 7.8 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 |
| 6.25 | | 7.9 | 7.9 | 7.9 | 7.9 | 7.8 | 7.8 | 7.8 | 7.9 |
| 12.5 | | 7.9 | 7.9 | 7.9 | 7.9 | 7.8 | 7.8 | 7.9 | 7.9 |
| 25 | | 24 | 24.1 | 24 | 24.2 | 24.5 | 24.1 | 24 | 24.1 |
| 50 | | 7.9 | 7.9 | 7.9 | 7.8 | 7.8 | 7.8 | 7.9 | 7.9 |
| 100 | | 7.9 | 7.9 | 7.9 | 7.8 | 7.8 | 7.8 | 7.9 | 7.9 |

Salinity-ppt

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 6.25 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 12.5 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 25 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 50 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 100 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|------|----|------|------|------|------|------|
| 0 | Negative Contr | 24 | 24.1 | 24 | 24.1 | 24.1 | 24.1 | 24 | 24 |
| 6.25 | | 24 | 24.1 | 24 | 24.1 | 24.1 | 24.1 | 24 | 24.1 |
| 12.5 | | 24 | 24.1 | 24 | 24.2 | 24.5 | 24.1 | 24.1 | 24.1 |
| 25 | | 24 | 24.1 | 24 | 24.2 | 24.1 | 24.1 | 24 | 24.1 |
| 50 | | 24 | 24.2 | 24 | 24.2 | 24.1 | 24.1 | 24.1 | 24.1 |
| 100 | | 24 | 24.1 | 24 | 24.1 | 24.1 | 24.1 | 24.1 | 24.1 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

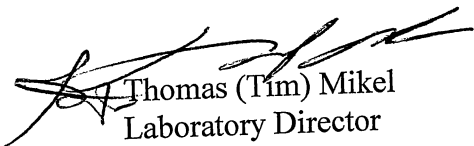
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Estuarine Organisms*, EPA/821/R-02-014. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | ME-VR2 |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.071 |

CHRONIC TOPSMELT SURVIVAL AND GROWTH BIOASSAY

| | | |
|----------|-------------------|-----------|
| Survival | NOEC = | 100.00 |
| | TU _c = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |
| Biomass | NOEC = | 50.00 % |
| | TU _c = | 2.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 07 Jan-10 14:57 (p 1 of 4)
Test Code: 01-7967-3829/VCF1209071t

Pacific Topsmelt 7-d Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 09-0507-9186
Analyzed: 07 Jan-10 14:56
Endpoint: Mean Dry Biomass-mg
Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

Batch ID: 18-1222-9106
Start Date: 08 Dec-09 16:03
Ending Date: 15 Dec-09 14:00
Duration: 6d 22h
Test Type: Growth-Survival (7d)
Protocol: EPA/821/R-02-014 (2002)
Species: Atherinops affinis
Source: Aquatic Biosystems, CO

Analyst:
Diluent: Laboratory Seawater
Brine: Not Applicable
Age: 9-15

Sample ID: 20-7567-3440
Sample Date: 07 Dec-09 15:15
Receive Date: 07 Dec-09 18:30
Sample Age: 25h (3.3 °C)
Code: VCF1209071t
Material: Sample Water
Source: Bioassay Report
Station: ME-VR2

Client: VCWPD
Project: NPDES Stormwater Monitoring Progra

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|-------|----|--------|
| Untransformed | 0 | C > T | Not Run | 50 | 100 | 70.71 | 2 | 21.48% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|--------|---------|------------------------|
| Negative Control | | 50 | 0.2591 | 2.108 | 0.2539 | 0.5606 | Non-Significant Effect |
| | | 100* | 2.279 | 2.108 | 0.2539 | 0.0372 | Significant Effect |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 2.437 | 2.548 | 0.0876 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|------------------------|
| Between | 0.2256849 | 0.1128425 | 2 | 3.113 | 0.0815 | Non-Significant Effect |
| Error | 0.4350142 | 0.03625119 | 12 | | | |
| Total | 0.6606992 | 0.1490937 | 14 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 3.501 | 9.21 | 0.1737 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 1.379 | 8.022 | 0.3003 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9312 | | 0.2841 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.1448 | 0.2542 | 0.5806 | Normal Distribution |
| Distribution | D'Agostino Skewness | 1.804 | 2.576 | 0.0713 | Normal Distribution |

Mean Dry Biomass-mg Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|---------|---------|-------|-------|---------|---------|--------|--------|
| 0 | Negative Control | 5 | 1.182 | 1.117 | 1.246 | 1.008 | 1.436 | 0.0315 | 0.1696 | 14.36% | 0.0% |
| 50 | | 5 | 1.15 | 1.049 | 1.252 | 0.914 | 1.58 | 0.04954 | 0.2668 | 23.19% | 2.64% |
| 100 | | 5 | 0.9072 | 0.8715 | 0.9429 | 0.796 | 1.03 | 0.01741 | 0.09377 | 10.34% | 23.22% |

CETIS Analytical Report

Report Date: 07 Jan-10 14:57 (p 2 of 4)
Test Code: 01-7967-3829/VCF1209071t

Pacific Topsmelt 7-d Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

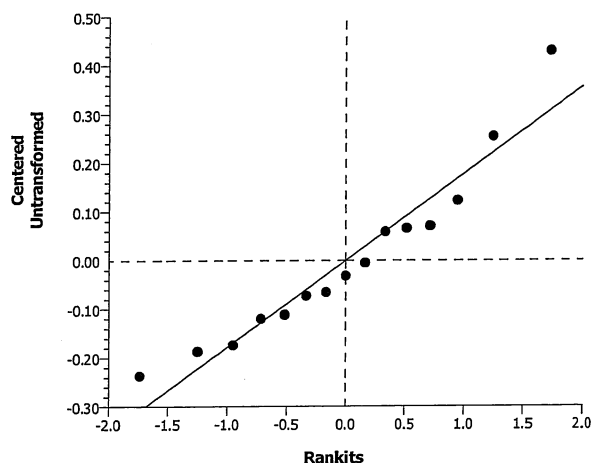
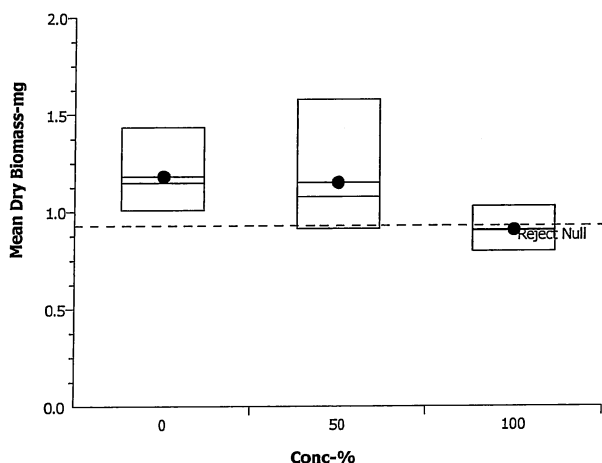
Analysis ID: 09-0507-9186 Endpoint: Mean Dry Biomass-mg
Analyzed: 07 Jan-10 14:56 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 1.062 | 1.436 | 1.008 | 1.252 | 1.15 |
| 50 | | 0.914 | 1.216 | 1.078 | 1.58 | 0.964 |
| 100 | | 0.796 | 1.03 | 0.966 | 0.842 | 0.902 |

Graphics



CETIS Analytical Report

Report Date: 07 Jan-10 14:57 (p 3 of 4)
Test Code: 01-7967-3829/VCF1209071t

Aquatic Bioassay & Consulting Labs, Inc.

Pacific Topsmelt 7-d Survival and Growth Test

| | | |
|-------------------------------|---|---|
| Analysis ID: 15-6987-8882 | Endpoint: 7d Survival Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 07 Jan-10 14:56 | Analysis: Nonparametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 18-1222-9106 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 16:03 | Protocol: EPA/821/R-02-014 (2002) | Diluent: Laboratory Seawater |
| Ending Date: 15 Dec-09 14:00 | Species: Atherinops affinis | Brine: Not Applicable |
| Duration: 6d 22h | Source: Aquatic Biosystems, CO | Age: 9-15 |
| Sample ID: 20-7567-3440 | Code: VCF1209071t | Client: VCWPD |
| Sample Date: 07 Dec-09 15:15 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 25h (3.3 °C) | Station: ME-VR2 | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|---------------------|------|---------|-------------|------|------|------|----|--------|
| Angular (Corrected) | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 12.91% |

Steel Many-One Rank Test

| Control | vs | Conc-% | Test Stat | Critical | Ties | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|------|---------|------------------------|
| Negative Control | | 50 | 22.5 | 18 | 1 | 0.2396 | Non-Significant Effect |
| | | 100 | 22.5 | 18 | 1 | 0.2396 | Non-Significant Effect |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 1.449 | 2.548 | 1.0000 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|------------------------|
| Between | 0.03024421 | 0.01512211 | 2 | 1.333 | 0.3000 | Non-Significant Effect |
| Error | 0.136099 | 0.01134158 | 12 | | | |
| Total | 0.1663432 | 0.02646369 | 14 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|-------------------------|
| Variances | Mod Levene Equality of Variance | 1.5 | 8.022 | 0.2740 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.7845 | | 0.0023 | Non-normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.2333 | 0.2542 | 0.0273 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.9979 | 2.576 | 0.3183 | Normal Distribution |

7d Survival Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|------|---------|---------|-----|-----|---------|---------|--------|-------|
| 0 | Negative Control | 5 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 50 | | 5 | 0.92 | 0.8783 | 0.9617 | 0.8 | 1 | 0.02034 | 0.1095 | 11.91% | 8.0% |
| 100 | | 5 | 0.92 | 0.8783 | 0.9617 | 0.8 | 1 | 0.02034 | 0.1095 | 11.91% | 8.0% |

Angular (Corrected) Transformed Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|----------------|-------|-------|---------|---------|-------|-------|---------|---------|--------|-------|
| 0 | Negative Contr | 5 | 1.345 | 1.345 | 1.345 | 1.345 | 1.345 | 0 | 0 | 0.0% | 0.0% |
| 50 | | 5 | 1.25 | 1.2 | 1.3 | 1.107 | 1.345 | 0.02422 | 0.1304 | 10.43% | 7.08% |
| 100 | | 5 | 1.25 | 1.2 | 1.3 | 1.107 | 1.345 | 0.02422 | 0.1304 | 10.43% | 7.08% |

CETIS Analytical Report

Report Date: 07 Jan-10 14:57 (p 4 of 4)
Test Code: 01-7967-3829/VCF1209071t

Pacific Topsmelt 7-d Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

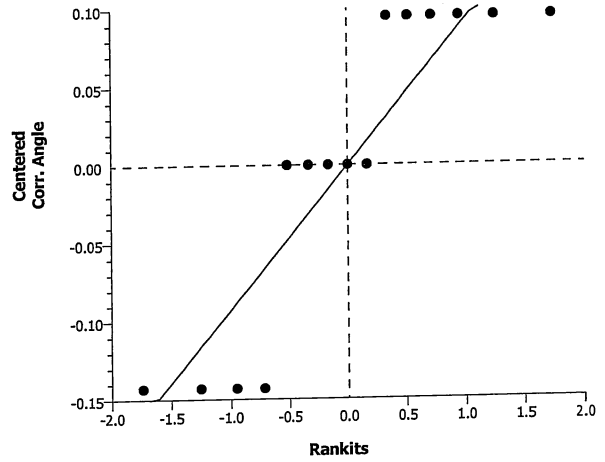
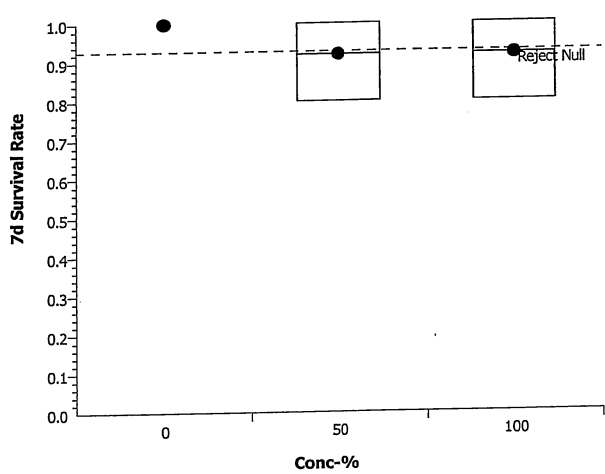
Analysis ID: 15-6987-8882 Endpoint: 7d Survival Rate
Analyzed: 07 Jan-10 14:56 Analysis: Nonparametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 1 | 1 | 1 | 1 |
| 50 | | 0.8 | 1 | 0.8 | 1 | 1 |
| 100 | | 0.8 | 1 | 1 | 0.8 | 1 |

Graphics



CETIS Analytical Report

Report Date: 07 Jan-10 14:57 (p 1 of 4)
Test Code: 01-7967-3829/VCF1209071t

Aquatic Bioassay & Consulting Labs, Inc.

Pacific Topsmelt 7-d Survival and Growth Test

CETIS Version: CETISv1.7.0
Official Results: Yes

Analysis ID: 14-5323-4392
Analyzed: 07 Jan-10 14:56
Endpoint: Mean Dry Biomass-mg
Analysis: Linear Interpolation (ICPIN)

Batch ID: 18-1222-9106
Start Date: 08 Dec-09 16:03
Ending Date: 15 Dec-09 14:00
Duration: 6d 22h
Test Type: Growth-Survival (7d)
Protocol: EPA/821/R-02-014 (2002)
Species: Atherinops affinis
Source: Aquatic Biosystems, CO

Analyst:
Diluent: Laboratory Seawater
Brine: Not Applicable
Age: 9-15

Sample ID: 20-7567-3440
Sample Date: 07 Dec-09 15:15
Receive Date: 07 Dec-09 18:30
Sample Age: 25h (3.3 °C)
Code: VCF1209071t
Material: Sample Water
Source: Bioassay Report
Station: ME-VR2

Client: VCWPD
Project: NPDES Stormwater Monitoring Progra

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 7607236 | 280 | Yes | Two-Point Interpolation |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 2.437 | 2.548 | 0.0876 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|-------|---------|---------|-------|---------|---------|
| IC5 | 55.73 | N/A | 71.73 | 1.794 | 1.394 | N/A |
| IC10 | 67.88 | 8.971 | 90.83 | 1.473 | 1.101 | 11.15 |
| IC15 | 80.03 | 24.35 | N/A | 1.25 | N/A | 4.106 |
| IC20 | 92.17 | 46.85 | N/A | 1.085 | N/A | 2.134 |
| IC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Mean Dry Biomass-mg Summary

| Conc-% | Control Type | Count | Calculated Variate | | | | | | |
|--------|------------------|-------|--------------------|-------|-------|---------|---------|--------|--------|
| | | | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 5 | 1.182 | 1.008 | 1.436 | 0.03097 | 0.1696 | 14.36% | 0.0% |
| 50 | | 5 | 1.15 | 0.914 | 1.58 | 0.04871 | 0.2668 | 23.19% | 2.64% |
| 100 | | 5 | 0.9072 | 0.796 | 1.03 | 0.01712 | 0.09377 | 10.34% | 23.22% |

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 1.062 | 1.436 | 1.008 | 1.252 | 1.15 |
| 50 | | 0.914 | 1.216 | 1.078 | 1.58 | 0.964 |
| 100 | | 0.796 | 1.03 | 0.966 | 0.842 | 0.902 |

CETIS Analytical Report

Report Date: 07 Jan-10 14:57 (p 2 of 4)
Test Code: 01-7967-3829/VCF1209071t

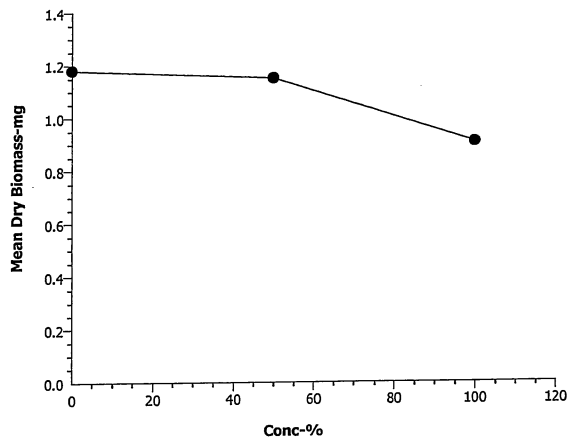
Pacific Topsmelt 7-d Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 14-5323-4392 Endpoint: Mean Dry Biomass-mg
Analyzed: 07 Jan-10 14:56 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 07 Jan-10 14:57 (p 3 of 4)
Test Code: 01-7967-3829/VCF1209071t

Aquatic Bioassay & Consulting Labs, Inc.

Pacific Topsmelt 7-d Survival and Growth Test

CETIS Version: CETISv1.7.0
Official Results: Yes

Analysis ID: 07-1179-5118
Analyzed: 07 Jan-10 14:56
Endpoint: 7d Survival Rate
Analysis: Linear Interpolation (ICPIN)

Batch ID: 18-1222-9106
Start Date: 08 Dec-09 16:03
Ending Date: 15 Dec-09 14:00
Duration: 6d 22h
Test Type: Growth-Survival (7d)
Protocol: EPA/821/R-02-014 (2002)
Species: Atherinops affinis
Source: Aquatic Biosystems, CO

Analyst:
Diluent: Laboratory Seawater
Brine: Not Applicable
Age: 9-15
Client: VCWPD
Project: NPDES Stormwater Monitoring Progra

Sample ID: 20-7567-3440
Sample Date: 07 Dec-09 15:15
Receive Date: 07 Dec-09 18:30
Sample Age: 25h (3.3 °C)
Code: VCF1209071t
Material: Sample Water
Source: Bioassay Report
Station: ME-VR2

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 7607236 | 280 | Yes | Two-Point Interpolation |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 1.449 | 2.548 | 1.0000 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|-------|---------|---------|-----|---------|---------|
| EC5 | 31.25 | 11.16 | N/A | 3.2 | N/A | 8.96 |
| EC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC50 | >100 | N/A | N/A | <1 | N/A | N/A |

7d Survival Rate Summary

| Conc-% | Control Type | Count | Calculated Variate(A/B) | | | | | | | | |
|--------|------------------|-------|-------------------------|-----|-----|---------|---------|--------|-------|----|----|
| | | | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | A | B |
| 0 | Negative Control | 5 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 25 | 25 |
| 50 | | 5 | 0.92 | 0.8 | 1 | 0.02 | 0.1095 | 11.91% | 8.0% | 23 | 25 |
| 100 | | 5 | 0.92 | 0.8 | 1 | 0.02 | 0.1095 | 11.91% | 8.0% | 23 | 25 |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 1 | 1 | 1 | 1 |
| 50 | | 0.8 | 1 | 0.8 | 1 | 1 |
| 100 | | 0.8 | 1 | 1 | 0.8 | 1 |

CETIS Analytical Report

Report Date: 07 Jan-10 14:57 (p 4 of 4)
Test Code: 01-7967-3829/VCF1209071t

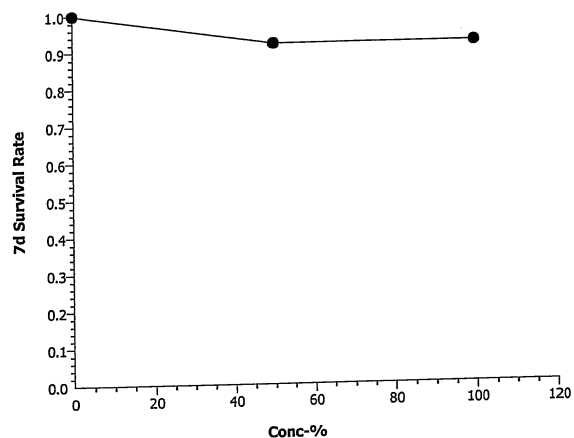
Aquatic Bioassay & Consulting Labs, Inc.

Pacific Topsmelt 7-d Survival and Growth Test

Analysis ID: 07-1179-5118 Endpoint: 7d Survival Rate
Analyzed: 07 Jan-10 14:56 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 07 Jan-10 14:57 (p 1 of 2)
Test Code: 01-7967-3829/VCF1209071t

Pacific Topsmelt 7-d Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Batch ID: 18-1222-9106 Test Type: Growth-Survival (7d)
Start Date: 08 Dec-09 16:03 Protocol: EPA/821/R-02-014 (2002)
Ending Date: 15 Dec-09 14:00 Species: Atherinops affinis
Duration: 6d 22h Source: Aquatic Biosystems, CO

Analyst:
Diluent: Laboratory Seawater
Brine: Not Applicable
Age: 9-15

Sample ID: 20-7567-3440 Code: VCF1209071t
Sample Date: 07 Dec-09 15:15 Material: Sample Water
Receive Date: 07 Dec-09 18:30 Source: Bioassay Report
Sample Age: 25h (3.3 °C) Station: ME-VR2

Client: VCWPD
Project: NPDES Stormwater Monitoring Progra

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 6.588 | 6.353 | 6.822 | 5.8 | 7.8 | 0.1156 | 0.6937 | 10.53% | 0 |
| 50 | | 8 | 6.45 | 6.216 | 6.684 | 5.6 | 7.8 | 0.1151 | 0.6908 | 10.71% | 0 |
| 100 | | 8 | 6.525 | 6.304 | 6.746 | 5.8 | 7.8 | 0.109 | 0.6541 | 10.02% | 0 |
| Overall | | 24 | 6.521 | | | 5.6 | 7.8 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|----------|---------|-------|----------|
| 0 | Negative Contr | 8 | 7.9 | 7.882 | 7.918 | 7.8 | 8 | 0.008907 | 0.05344 | 0.68% | 0 |
| 50 | | 8 | 7.913 | 7.901 | 7.924 | 7.9 | 8 | 0.005889 | 0.03533 | 0.45% | 0 |
| 100 | | 8 | 7.925 | 7.909 | 7.941 | 7.9 | 8 | 0.007713 | 0.04628 | 0.58% | 0 |
| Overall | | 24 | 7.913 | | | 7.8 | 8 | | | | 0 (0%) |

Salinity-ppt

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 50 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 24 | 34 | | | 34 | 34 | | | | 0 (0%) |

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|------|----------|---------|-------|----------|
| 0 | Negative Contr | 8 | 21.04 | 21.01 | 21.06 | 21 | 21.2 | 0.0124 | 0.07441 | 0.35% | 0 |
| 50 | | 8 | 21.03 | 21.01 | 21.04 | 21 | 21.1 | 0.007718 | 0.04631 | 0.22% | 0 |
| 100 | | 8 | 21.03 | 21.01 | 21.04 | 21 | 21.1 | 0.007718 | 0.04631 | 0.22% | 0 |
| Overall | | 24 | 21.03 | | | 21 | 21.2 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 07 Jan-10 14:57 (p 2 of 2)
Test Code: 01-7967-3829/VCF1209071t

Aquatic Bioassay & Consulting Labs, Inc.

Pacific Topsmelt 7-d Survival and Growth Test

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 6 | 6 | 5.8 | 7 | 7.8 | 7 | 6.9 | 6.2 |
| 50 | | 6.1 | 5.6 | 5.8 | 6.6 | 7.8 | 6.9 | 6.3 | 6.5 |
| 100 | | 6 | 5.8 | 5.9 | 6.6 | 7.8 | 6.9 | 6.7 | 6.5 |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 7.9 | 7.8 | 7.9 | 8 | 7.9 | 7.9 | 7.9 | 7.9 |
| 50 | | 7.9 | 8 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 |
| 100 | | 7.9 | 8 | 8 | 7.9 | 7.9 | 7.9 | 7.9 | 7.9 |

Salinity-ppt

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 50 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 100 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|------|------|----|----|----|----|
| 0 | Negative Contr | 21 | 21 | 21.2 | 21.1 | 21 | 21 | 21 | 21 |
| 50 | | 21 | 21 | 21.1 | 21.1 | 21 | 21 | 21 | 21 |
| 100 | | 21 | 21 | 21.1 | 21.1 | 21 | 21 | 21 | 21 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

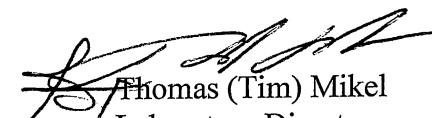
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms EPA-821-R-02-013*
Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | MO-Cam-1 |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.072 |

CHRONIC SELENASTRUM ALGAE GROWTH BIOASSAY

| | |
|--------------------|-----------|
| NOEC = | 100.00 % |
| TU _c = | 1.00 |
| IC ₂₅ = | >100.00 % |
| IC ₅₀ = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 10 Jan-10 13:38 (p 1 of 2)
Test Code: 10-5042-2937/VCF1209072s

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 20-6548-3107
Analyzed: 10 Jan-10 13:31
Endpoint: Cell Density
Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

Batch ID: 06-0961-5479
Start Date: 08 Dec-09 20:30
Ending Date: 12 Dec-09 18:30
Duration: 94h
Test Type: Cell Growth
Protocol: EPA/821/R-02-013 (2002)
Species: Selenastrum capricornutum
Source: Aquatic Biosystems, CO

Analyst:
Diluent: Laboratory Water
Brine: Not Applicable
Age:

Sample ID: 05-4516-4176
Sample Date: 07 Dec-09 12:30
Receive Date: 07 Dec-09 18:30
Sample Age: 32h (3.3 °C)
Code: VCF1209072s
Material: Sample Water
Source: Bioassay Report
Station: MO-CAM-1

Client: VCWPD
Project: NPDES Stormwater Monitoring Progra

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|------|----|-------|
| Untransformed | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 9.25% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|--------|---------|------------------------|
| Negative Control | | 6.25* | 6.5 | 2.407 | 100300 | <0.0001 | Significant Effect |
| | | 12.5* | 4.478 | 2.407 | 100300 | 0.0007 | Significant Effect |
| | | 25 | -2.731 | 2.407 | 100300 | 0.9999 | Non-Significant Effect |
| | | 50 | -0.4802 | 2.407 | 100300 | 0.9368 | Non-Significant Effect |
| | | 100 | 0.6482 | 2.407 | 100300 | 0.5816 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|--------------|---------|----------------------|
| Control CV | 0.07074 | NL - 0.2 | Yes | Result Within Limits |
| Control Resp | 1.08E+6 | 1.00E+6 - NL | Yes | Result Within Limits |
| PMSD | 0.09247 | 0.091 - 0.29 | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 2.029 | 2.802 | 0.8377 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|--------------|-------------|----|--------|---------|--------------------|
| Between | 4.067233E+11 | 81344670000 | 5 | 23.44 | <0.0001 | Significant Effect |
| Error | 62454000000 | 3469667000 | 18 | | | |
| Total | 4.691773E+11 | 84814330000 | 23 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 5.092 | 15.09 | 0.4048 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 2.894 | 4.248 | 0.0434 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9552 | | 0.3494 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.1421 | 0.2056 | 0.2367 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.6387 | 2.576 | 0.5230 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 1.248 | 2.576 | 0.2119 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 1.966 | 9.21 | 0.3742 | Normal Distribution |

Cell Density Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|----------|----------|----------|----------|----------|----------|----------|-------|---------|
| 0 | Negative Control | 4 | 1.084E+6 | 1.055E+6 | 1.113E+6 | 1.002E+6 | 1.169E+6 | 1.424E+4 | 7.670E+4 | 7.07% | 0.0% |
| 6.25 | | 4 | 8.135E+5 | 7.913E+5 | 8.357E+5 | 7.560E+5 | 8.750E+5 | 1.084E+4 | 5.836E+4 | 7.17% | 24.97% |
| 12.5 | | 4 | 8.978E+5 | 8.895E+5 | 9.060E+5 | 8.840E+5 | 9.300E+5 | 4.013E+3 | 2.161E+4 | 2.41% | 17.2% |
| 25 | | 4 | 1.198E+6 | 1.176E+6 | 1.220E+6 | 1.141E+6 | 1.264E+6 | 1.066E+4 | 5.742E+4 | 4.79% | -10.49% |
| 50 | | 4 | 1.104E+6 | 1.074E+6 | 1.135E+6 | 1.041E+6 | 1.210E+6 | 1.495E+4 | 8.052E+4 | 7.29% | -1.85% |
| 100 | | 4 | 1.057E+6 | 1.044E+6 | 1.071E+6 | 1.019E+6 | 1.093E+6 | 6.651E+3 | 3.582E+4 | 3.39% | 2.49% |

CETIS Analytical Report

Report Date: 10 Jan-10 13:38 (p 2 of 2)
 Test Code: 10-5042-2937/VCF1209072s

Aquatic Bioassay & Consulting Labs, Inc.

Selenastrum Growth Test

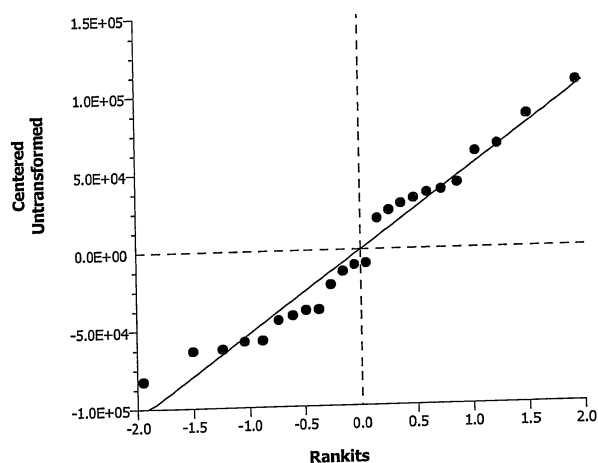
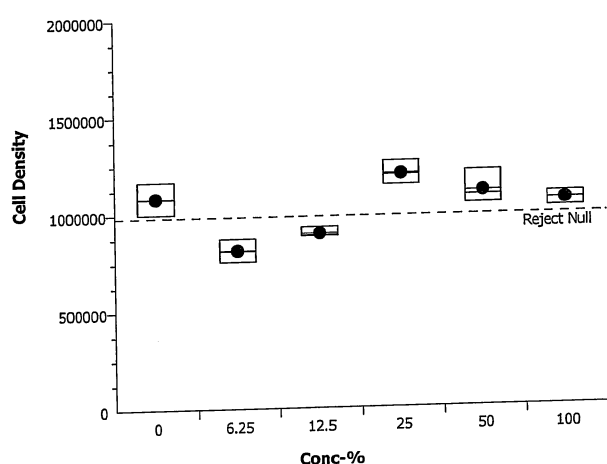
Analysis ID: 20-6548-3107 Endpoint: Cell Density
 Analyzed: 10 Jan-10 13:31 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
 Official Results: Yes

Cell Density Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|----------|----------|----------|----------|
| 0 | Negative Control | 1.040E+6 | 1.169E+6 | 1.002E+6 | 1.126E+6 |
| 6.25 | | 7.560E+5 | 8.510E+5 | 7.720E+5 | 8.750E+5 |
| 12.5 | | 8.840E+5 | 8.890E+5 | 9.300E+5 | 8.880E+5 |
| 25 | | 1.227E+6 | 1.264E+6 | 1.141E+6 | 1.160E+6 |
| 50 | | 1.210E+6 | 1.042E+6 | 1.124E+6 | 1.041E+6 |
| 100 | | 1.019E+6 | 1.093E+6 | 1.082E+6 | 1.035E+6 |

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 13:38 (p 1 of 2)
Test Code: 10-5042-2937/VCF1209072s

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|---|
| Analysis ID: 20-1997-0776 | Endpoint: Cell Density | CETIS Version: CETISv1.7.0 |
| Analyzed: 10 Jan-10 13:31 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 06-0961-5479 | Test Type: Cell Growth | Analyst: |
| Start Date: 08 Dec-09 20:30 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 12 Dec-09 18:30 | Species: Selenastrum capricornutum | Brine: Not Applicable |
| Duration: 94h | Source: Aquatic Biosystems, CO | Age: |
| Sample ID: 05-4516-4176 | Code: VCF1209072s | Client: VCWPD |
| Sample Date: 07 Dec-09 12:30 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 32h (3.3 °C) | Station: MO-CAM-1 | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 9619532 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|--------------|---------|----------------------|
| Control CV | 0.07074 | NL - 0.2 | Yes | Result Within Limits |
| Control Resp | 1.08E+6 | 1.00E+6 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 2.029 | 2.802 | 0.8377 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|-------|---------|---------|-------|---------|---------|
| IC5 | 4.833 | 1.399 | N/A | 20.69 | N/A | 71.47 |
| IC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Cell Density Summary

Calculated Variate

| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|----------|----------|----------|----------|----------|-------|---------|
| 0 | Negative Control | 4 | 1.084E+6 | 1.002E+6 | 1.169E+6 | 1.400E+4 | 7.670E+4 | 7.07% | 0.0% |
| 6.25 | | 4 | 8.135E+5 | 7.560E+5 | 8.750E+5 | 1.065E+4 | 5.836E+4 | 7.17% | 24.97% |
| 12.5 | | 4 | 8.978E+5 | 8.840E+5 | 9.300E+5 | 3.945E+3 | 2.161E+4 | 2.41% | 17.2% |
| 25 | | 4 | 1.198E+6 | 1.141E+6 | 1.264E+6 | 1.048E+4 | 5.742E+4 | 4.79% | -10.49% |
| 50 | | 4 | 1.104E+6 | 1.041E+6 | 1.210E+6 | 1.470E+4 | 8.052E+4 | 7.29% | -1.85% |
| 100 | | 4 | 1.057E+6 | 1.019E+6 | 1.093E+6 | 6.539E+3 | 3.582E+4 | 3.39% | 2.49% |

Cell Density Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|----------|----------|----------|----------|
| 0 | Negative Control | 1.040E+6 | 1.169E+6 | 1.002E+6 | 1.126E+6 |
| 6.25 | | 7.560E+5 | 8.510E+5 | 7.720E+5 | 8.750E+5 |
| 12.5 | | 8.840E+5 | 8.890E+5 | 9.300E+5 | 8.880E+5 |
| 25 | | 1.227E+6 | 1.264E+6 | 1.141E+6 | 1.160E+6 |
| 50 | | 1.210E+6 | 1.042E+6 | 1.124E+6 | 1.041E+6 |
| 100 | | 1.019E+6 | 1.093E+6 | 1.082E+6 | 1.035E+6 |

CETIS Analytical Report

Report Date: 10 Jan-10 13:38 (p 2 of 2)
Test Code: 10-5042-2937/VCF1209072s

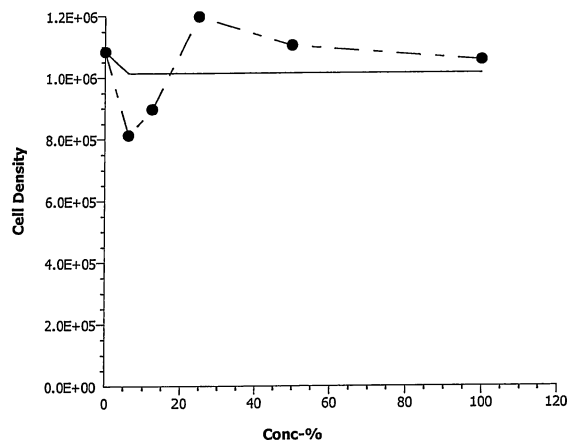
Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 20-1997-0776 Endpoint: Cell Density
Analyzed: 10 Jan-10 13:31 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 10 Jan-10 13:38 (p 1 of 2)
Test Code: 10-5042-2937/VCF1209072s

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Batch ID: 06-0961-5479
Start Date: 08 Dec-09 20:30
Ending Date: 12 Dec-09 18:30
Duration: 94h
Test Type: Cell Growth
Protocol: EPA/821/R-02-013 (2002)
Species: Selenastrum capricornutum
Source: Aquatic Biosystems, CO

Analyst:
Diluent: Laboratory Water
Brine: Not Applicable
Age:

Sample ID: 05-4516-4176
Sample Date: 07 Dec-09 12:30
Receive Date: 07 Dec-09 18:30
Sample Age: 32h (3.3 °C)
Code: VCF1209072s
Material: Sample Water
Source: Bioassay Report
Station: MO-CAM-1

Client: VCWPD
Project: NPDES Stormwater Monitoring Progra

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 1 | 67 | | | 67 | 67 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 1 | 40 | | | 40 | 40 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 1 | 51 | | | 51 | 51 | 0 | 0 | 0.0% | 0 |
| 25 | | 1 | 47 | | | 47 | 47 | 0 | 0 | 0.0% | 0 |
| 50 | | 1 | 54 | | | 54 | 54 | 0 | 0 | 0.0% | 0 |
| 100 | | 1 | 57 | | | 57 | 57 | 0 | 0 | 0.0% | 0 |
| Overall | | 6 | 52.67 | | | 40 | 67 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 5 | 507.4 | 503.8 | 511 | 493 | 520 | 1.797 | 10.78 | 2.13% | 0 |
| 6.25 | | 5 | 432.8 | 428.9 | 436.7 | 417 | 445 | 1.916 | 11.5 | 2.66% | 0 |
| 12.5 | | 5 | 406.6 | 403.7 | 409.5 | 392 | 415 | 1.437 | 8.62 | 2.12% | 0 |
| 25 | | 5 | 380.2 | 377.6 | 382.8 | 367 | 387 | 1.288 | 7.727 | 2.03% | 0 |
| 50 | | 5 | 328.8 | 326.3 | 331.3 | 317 | 335 | 1.216 | 7.294 | 2.22% | 0 |
| 100 | | 5 | 227.6 | 224.8 | 230.4 | 216 | 239 | 1.387 | 8.325 | 3.66% | 0 |
| Overall | | 30 | 380.6 | | | 216 | 520 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 1 | 98 | | | 98 | 98 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 1 | 78 | | | 78 | 78 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 1 | 90 | | | 90 | 90 | 0 | 0 | 0.0% | 0 |
| 25 | | 1 | 92 | | | 92 | 92 | 0 | 0 | 0.0% | 0 |
| 50 | | 1 | 100 | | | 100 | 100 | 0 | 0 | 0.0% | 0 |
| 100 | | 1 | 107 | | | 107 | 107 | 0 | 0 | 0.0% | 0 |
| Overall | | 6 | 94.17 | | | 78 | 107 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 5 | 7.96 | 7.866 | 8.054 | 7.7 | 8.3 | 0.04655 | 0.2793 | 3.51% | 0 |
| 6.25 | | 5 | 7.94 | 7.855 | 8.025 | 7.7 | 8.2 | 0.04183 | 0.251 | 3.16% | 0 |
| 12.5 | | 5 | 7.92 | 7.843 | 7.997 | 7.7 | 8.2 | 0.03801 | 0.228 | 2.88% | 0 |
| 25 | | 5 | 7.88 | 7.819 | 7.941 | 7.7 | 8.1 | 0.02981 | 0.1789 | 2.27% | 0 |
| 50 | | 5 | 7.84 | 7.783 | 7.897 | 7.7 | 8.1 | 0.02789 | 0.1673 | 2.13% | 0 |
| 100 | | 5 | 7.78 | 7.719 | 7.841 | 7.7 | 8.1 | 0.02981 | 0.1789 | 2.3% | 0 |
| Overall | | 30 | 7.887 | | | 7.7 | 8.3 | | | | 0 (0%) |

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| 25 | | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| 50 | | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| 100 | | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| Overall | | 30 | 24 | | | 24 | 24 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 10 Jan-10 13:38 (p 2 of 2)
Test Code: 10-5042-2937/VCF1209072s

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|----|---|---|---|---|
| 0 | Negative Contr | 67 | | | | |
| 6.25 | | 40 | | | | |
| 12.5 | | 51 | | | | |
| 25 | | 47 | | | | |
| 50 | | 54 | | | | |
| 100 | | 57 | | | | |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 520 | 493 | 501 | 508 | 515 |
| 6.25 | | 425 | 417 | 437 | 440 | 445 |
| 12.5 | | 409 | 392 | 408 | 409 | 415 |
| 25 | | 384 | 367 | 381 | 382 | 387 |
| 50 | | 334 | 317 | 327 | 331 | 335 |
| 100 | | 225 | 216 | 228 | 230 | 239 |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|---|---|---|---|
| 0 | Negative Contr | 98 | | | | |
| 6.25 | | 78 | | | | |
| 12.5 | | 90 | | | | |
| 25 | | 92 | | | | |
| 50 | | 100 | | | | |
| 100 | | 107 | | | | |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 8.3 | 8.2 | 7.9 | 7.7 | 7.7 |
| 6.25 | | 8.2 | 8.2 | 7.9 | 7.7 | 7.7 |
| 12.5 | | 8.2 | 8.1 | 7.9 | 7.7 | 7.7 |
| 25 | | 8.1 | 8 | 7.9 | 7.7 | 7.7 |
| 50 | | 8.1 | 7.9 | 7.8 | 7.7 | 7.7 |
| 100 | | 8.1 | 7.7 | 7.7 | 7.7 | 7.7 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|----|----|----|----|----|
| 0 | Negative Contr | 24 | 24 | 24 | 24 | 24 |
| 6.25 | | 24 | 24 | 24 | 24 | 24 |
| 12.5 | | 24 | 24 | 24 | 24 | 24 |
| 25 | | 24 | 24 | 24 | 24 | 24 |
| 50 | | 24 | 24 | 24 | 24 | 24 |
| 100 | | 24 | 24 | 24 | 24 | 24 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

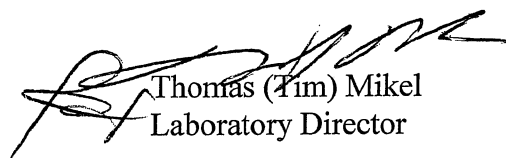
We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms* EPA-821-R-02-013. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | MO-Cam-1 |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.072 |

CHRONIC CERIODAPHNIA SURVIVAL & REPRODUCTION BIOASSAY

| | | |
|--------------|--------------------|-----------|
| SURVIVAL | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC ₂₅ = | >100.00 % |
| | IC ₅₀ = | >100.00 % |
| REPRODUCTION | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC ₂₅ = | >100.00 % |
| | IC ₅₀ = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 10 Jan-10 12:52 (p 1 of 2)
Test Code: 05-5975-3274/VCF1209072c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|---|---|
| Analysis ID: 10-1042-5098 | Endpoint: Reproduction | CETIS Version: CETISv1.7.0 |
| Analyzed: 10 Jan-10 12:51 | Analysis: Nonparametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 16-4583-0735 | Test Type: Reproduction-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 13:10 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 15 Dec-09 14:00 | Species: Ceriodaphnia dubia | Brine: Not Applicable |
| Duration: 7d 1h | Source: Aquatic Biosystems, CO | Age: <24H |
| Sample ID: 11-3416-6257 | Code: VCF1209072c | Client: VCWPD |
| Sample Date: 07 Dec-09 12:30 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 25h (3.3 °C) | Station: MO-CAM-1 | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|------|----|--------|
| Untransformed | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 25.58% |

Steel Many-One Rank Test

| Control | vs | Conc-% | Test Stat | Critical | Ties | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|------|---------|------------------------|
| Negative Control | | 6.25 | 132 | 75 | 3 | 0.9997 | Non-Significant Effect |
| | | 12.5 | 130 | 75 | 3 | 0.9994 | Non-Significant Effect |
| | | 25 | 138 | 75 | 2 | 1.0000 | Non-Significant Effect |
| | | 50 | 134.5 | 75 | 3 | 0.9999 | Non-Significant Effect |
| | | 100 | 125 | 75 | 4 | 0.9974 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|-------------|---------|----------------------|
| Control Resp | 21.5 | 15 - NL | Yes | Result Within Limits |
| PMSD | 0.2558 | 0.13 - 0.47 | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|------------------|
| Extreme Value | Grubbs Single Outlier | 5.099 | 3.2 | <0.0001 | Outlier Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|------------------------|
| Between | 192.95 | 38.59 | 5 | 1.338 | 0.2625 | Non-Significant Effect |
| Error | 1557.9 | 28.85 | 54 | | | |
| Total | 1750.85 | 67.44 | 59 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|-------------------------|
| Variances | Bartlett Equality of Variance | 23.53 | 15.09 | 0.0003 | Unequal Variances |
| Variances | Mod Levene Equality of Variance | 1.114 | 3.377 | 0.3641 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.8346 | | <0.0001 | Non-normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.141 | 0.1331 | 0.0046 | Non-normal Distribution |
| Distribution | D'Agostino Skewness | 5.14 | 2.576 | <0.0001 | Non-normal Distribution |
| Distribution | D'Agostino Kurtosis | 4.792 | 2.576 | <0.0001 | Non-normal Distribution |
| Distribution | D'Agostino Omnibus | 49.38 | 9.21 | <0.0001 | Non-normal Distribution |

Reproduction Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|------|---------|---------|-----|-----|---------|---------|--------|---------|
| 0 | Negative Control | 10 | 21.5 | 19.45 | 23.55 | 14 | 33 | 1.003 | 5.401 | 25.12% | 0.0% |
| 6.25 | | 10 | 26 | 24.21 | 27.79 | 15 | 31 | 0.8754 | 4.714 | 18.13% | -20.93% |
| 12.5 | | 10 | 25.1 | 23.92 | 26.28 | 21 | 31 | 0.577 | 3.107 | 12.38% | -16.74% |
| 25 | | 10 | 26.9 | 25.79 | 28.01 | 21 | 31 | 0.5428 | 2.923 | 10.87% | -25.12% |
| 50 | | 10 | 26.2 | 22.47 | 29.93 | 0 | 34 | 1.821 | 9.807 | 37.43% | -21.86% |
| 100 | | 10 | 24 | 22.97 | 25.03 | 19 | 28 | 0.5029 | 2.708 | 11.28% | -11.63% |

CETIS Analytical Report

Report Date: 10 Jan-10 12:52 (p 2 of 2)
 Test Code: 05-5975-3274/VCF1209072c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 10-1042-5098
 Analyzed: 10 Jan-10 12:51

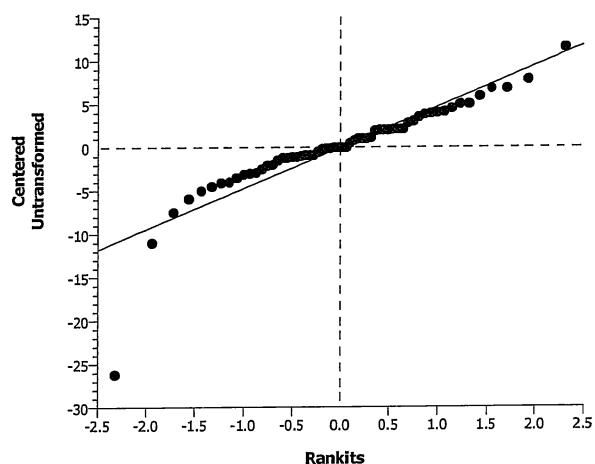
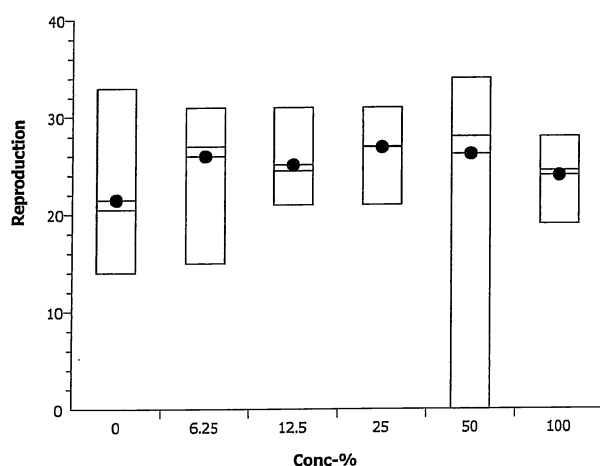
Endpoint: Reproduction
 Analysis: Nonparametric-Control vs Treatments

CETIS Version: CETISv1.7.0
 Official Results: Yes

Reproduction Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 26 | 21 | 20 | 22 | 18 | 19 | 17 | 14 | 33 | 25 |
| 6.25 | | 26 | 25 | 28 | 31 | 28 | 31 | 15 | 28 | 22 | 26 |
| 12.5 | | 27 | 21 | 29 | 25 | 24 | 24 | 22 | 31 | 23 | 25 |
| 25 | | 29 | 29 | 24 | 31 | 28 | 26 | 21 | 26 | 26 | 29 |
| 50 | | 25 | 34 | 26 | 0 | 29 | 33 | 27 | 30 | 25 | 33 |
| 100 | | 21 | 19 | 24 | 25 | 22 | 27 | 28 | 25 | 24 | 25 |

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 12:52 (p 1 of 4)
Test Code: 05-5975-3274/VCF1209072c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|------------------------------|-------------------|------------------------------------|
| Analysis ID: | 10-0126-4685 | Endpoint: | Reproduction | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 10 Jan-10 12:51 | Analysis: | Linear Interpolation (ICPIN) | Official Results: | Yes |
| Batch ID: | 16-4583-0735 | Test Type: | Reproduction-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 13:10 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 15 Dec-09 14:00 | Species: | Ceriodaphnia dubia | Brine: | Not Applicable |
| Duration: | 7d 1h | Source: | Aquatic Biosystems, CO | Age: | <24H |
| Sample ID: | 11-3416-6257 | Code: | VCF1209072c | Client: | VCWPD |
| Sample Date: | 07 Dec-09 12:30 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 25h (3.3 °C) | Station: | MO-CAM-1 | | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 8144900 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 21.5 | 15 - NL | Yes | Result Within Limits |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|------|---------|---------|----|---------|---------|
| IC5 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Reproduction Summary

Calculated Variate

| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|------|-----|-----|---------|---------|--------|---------|
| 0 | Negative Control | 10 | 21.5 | 14 | 33 | 0.986 | 5.401 | 25.12% | 0.0% |
| 6.25 | | 10 | 26 | 15 | 31 | 0.8607 | 4.714 | 18.13% | -20.93% |
| 12.5 | | 10 | 25.1 | 21 | 31 | 0.5673 | 3.107 | 12.38% | -16.74% |
| 25 | | 10 | 26.9 | 21 | 31 | 0.5337 | 2.923 | 10.87% | -25.12% |
| 50 | | 10 | 26.2 | 0 | 34 | 1.791 | 9.807 | 37.43% | -21.86% |
| 100 | | 10 | 24 | 19 | 28 | 0.4944 | 2.708 | 11.28% | -11.63% |

Reproduction Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 26 | 21 | 20 | 22 | 18 | 19 | 17 | 14 | 33 | 25 |
| 6.25 | | 26 | 25 | 28 | 31 | 28 | 31 | 15 | 28 | 22 | 26 |
| 12.5 | | 27 | 21 | 29 | 25 | 24 | 24 | 22 | 31 | 23 | 25 |
| 25 | | 29 | 29 | 24 | 31 | 28 | 26 | 21 | 26 | 26 | 29 |
| 50 | | 25 | 34 | 26 | 0 | 29 | 33 | 27 | 30 | 25 | 33 |
| 100 | | 21 | 19 | 24 | 25 | 22 | 27 | 28 | 25 | 24 | 25 |

CETIS Analytical Report

Report Date: 10 Jan-10 12:52 (p 2 of 4)
Test Code: 05-5975-3274/VCF1209072c

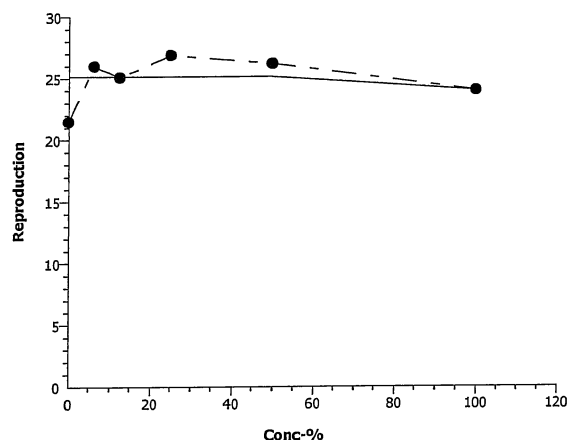
Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 10-0126-4685 Endpoint: Reproduction
Analyzed: 10 Jan-10 12:51 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 12:52 (p 3 of 4)

Test Code: 05-5975-3274/VCF1209072c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|------------------------------|-------------------|------------------------------------|
| Analysis ID: | 20-2067-3417 | Endpoint: | 7d Survival Rate | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 10 Jan-10 12:51 | Analysis: | Linear Interpolation (ICPIN) | Official Results: | Yes |
| Batch ID: | 16-4583-0735 | Test Type: | Reproduction-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 13:10 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 15 Dec-09 14:00 | Species: | Ceriodaphnia dubia | Brine: | Not Applicable |
| Duration: | 7d 1h | Source: | Aquatic Biosystems, CO | Age: | <24H |
| Sample ID: | 11-3416-6257 | Code: | VCF1209072c | Client: | VCWPD |
| Sample Date: | 07 Dec-09 12:30 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 25h (3.3 °C) | Station: | MO-CAM-1 | | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 7607236 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 1 | 0.8 - NL | Yes | Result Within Limits |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|------|---------|---------|----|---------|---------|
| EC5 | 100 | 33.33 | N/A | 1 | N/A | 3 |
| EC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC50 | >100 | N/A | N/A | <1 | N/A | N/A |

7d Survival Rate Summary

Calculated Variate(A/B)

| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | A | B |
|--------|------------------|-------|------|-----|-----|---------|---------|--------|-------|----|----|
| 0 | Negative Control | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |
| 6.25 | | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |
| 12.5 | | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |
| 25 | | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |
| 50 | | 10 | 0.9 | 0 | 1 | 0.05774 | 0.3162 | 35.14% | 10.0% | 9 | 10 |
| 100 | | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 100 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

CETIS Analytical Report

Report Date: 10 Jan-10 12:52 (p 4 of 4)
Test Code: 05-5975-3274/VCF1209072c

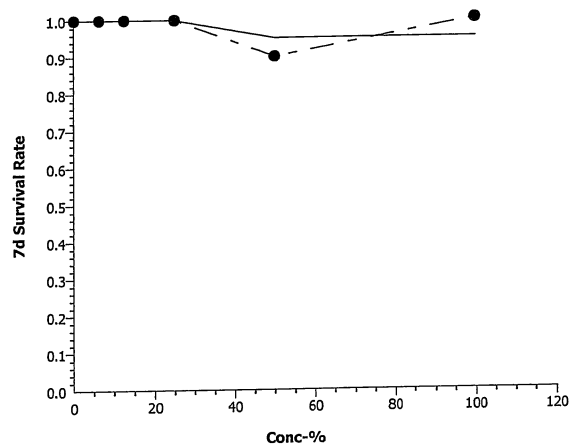
Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 20-2067-3417 Endpoint: 7d Survival Rate
Analyzed: 10 Jan-10 12:51 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 12:52 (p 1 of 2)
Test Code: 05-5975-3274/VCF1209072c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|---------------------------------------|---|
| Analysis ID: 10-2709-1718 | Endpoint: 7d Survival Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 10 Jan-10 12:51 | Analysis: STP 2x2 Contingency Tables | Official Results: Yes |
| Batch ID: 16-4583-0735 | Test Type: Reproduction-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 13:10 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 15 Dec-09 14:00 | Species: Ceriodaphnia dubia | Brine: Not Applicable |
| Duration: 7d 1h | Source: Aquatic Biosystems, CO | Age: <24H |
| Sample ID: 11-3416-6257 | Code: VCF1209072c | Client: VCWPD |
| Sample Date: 07 Dec-09 12:30 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 25h (3.3 °C) | Station: MO-CAM-1 | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|------|----|------|
| Untransformed | | C > T | Not Run | 100 | >100 | N/A | 1 | N/A |

Fisher Exact/Bonferroni-Holm Test

| Control | vs | Conc-% | Test Stat | P-Value | Decision(0.05) |
|------------------|----|--------|-----------|---------|------------------------|
| Negative Control | | 6.25 | 1 | 1.0000 | Non-Significant Effect |
| | | 12.5 | 1 | 1.0000 | Non-Significant Effect |
| | | 25 | 1 | 1.0000 | Non-Significant Effect |
| | | 50 | 0.5 | 1.0000 | Non-Significant Effect |
| | | 100 | 1 | 1.0000 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 1 | 0.8 - NL | Yes | Result Within Limits |

Data Summary

| Conc-% | Control Type | No-Resp | Resp | Total |
|--------|----------------|---------|------|-------|
| 0 | Negative Contr | 10 | 0 | 10 |
| 6.25 | | 10 | 0 | 10 |
| 12.5 | | 10 | 0 | 10 |
| 25 | | 10 | 0 | 10 |
| 50 | | 9 | 1 | 10 |
| 100 | | 10 | 0 | 10 |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 100 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

CETIS Analytical Report

Report Date: 10 Jan-10 12:52 (p 2 of 2)
Test Code: 05-5975-3274/NCF1209072c

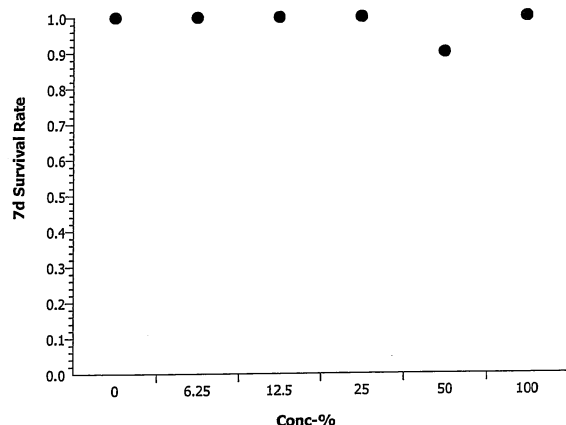
Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 10-2709-1718 Endpoint: 7d Survival Rate
Analyzed: 10 Jan-10 12:51 Analysis: STP 2x2 Contingency Tables

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 10 Jan-10 12:52 (p 1 of 2)
Test Code: 05-5975-3274/VCF1209072c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Batch ID: 16-4583-0735
Start Date: 08 Dec-09 13:10
Ending Date: 15 Dec-09 14:00
Duration: 7d 1h
Test Type: Reproduction-Survival (7d)
Protocol: EPA/821/R-02-013 (2002)
Species: Ceriodaphnia dubia
Source: Aquatic Biosystems, CO

Analyst:
Diluent: Laboratory Water
Brine: Not Applicable
Age: <24H

Sample ID: 11-3416-6257
Sample Date: 07 Dec-09 12:30
Receive Date: 07 Dec-09 18:30
Sample Age: 25h (3.3 °C)
Code: VCF1209072c
Material: Sample Water
Source: Bioassay Report
Station: MO-CAM-1

Client: VCWPD
Project: NPDES Stormwater Monitoring Progra

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 8 | 61 | 61 | 61 | 61 | 61 | 0 | 0 | 0.0% | 0 |
| 100 | | 8 | 42 | 42 | 42 | 42 | 42 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 51.5 | | | 42 | 61 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 353.1 | 350.3 | 355.9 | 339 | 365 | 1.367 | 8.202 | 2.32% | 0 |
| 6.25 | | 8 | 335.6 | 330.9 | 340.3 | 318 | 355 | 2.316 | 13.9 | 4.14% | 0 |
| 12.5 | | 8 | 321.3 | 315 | 327.5 | 304 | 348 | 3.055 | 18.33 | 5.71% | 0 |
| 25 | | 8 | 306.4 | 298.7 | 314.1 | 279 | 335 | 3.782 | 22.69 | 7.41% | 0 |
| 50 | | 8 | 271.1 | 252.3 | 290 | 233 | 366 | 9.294 | 55.76 | 20.57% | 0 |
| 100 | | 8 | 142.8 | 138.9 | 146.6 | 130 | 158 | 1.906 | 11.44 | 8.01% | 0 |
| Overall | | 48 | 288.4 | | | 130 | 366 | | | | 0 (0%) |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 7.313 | 7.068 | 7.557 | 5.8 | 7.9 | 0.1203 | 0.722 | 9.87% | 0 |
| 6.25 | | 8 | 7.513 | 7.344 | 7.681 | 6.7 | 7.9 | 0.08283 | 0.497 | 6.62% | 0 |
| 12.5 | | 8 | 7.175 | 6.912 | 7.438 | 5.5 | 7.9 | 0.1293 | 0.776 | 10.82% | 0 |
| 25 | | 8 | 13.35 | 7.655 | 19.04 | 7 | 55 | 2.805 | 16.83 | 126.1% | 0 |
| 50 | | 8 | 7.125 | 6.831 | 7.419 | 5.2 | 7.9 | 0.1447 | 0.8681 | 12.18% | 0 |
| 100 | | 8 | 6.838 | 6.505 | 7.17 | 5.2 | 7.8 | 0.164 | 0.9841 | 14.39% | 0 |
| Overall | | 48 | 8.219 | | | 5.2 | 55 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 95.25 | 94.2 | 96.3 | 93 | 99 | 0.5175 | 3.105 | 3.26% | 0 |
| 100 | | 8 | 49 | 49 | 49 | 49 | 49 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 72.13 | | | 49 | 99 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 8.075 | 8.01 | 8.14 | 7.9 | 8.3 | 0.03181 | 0.1909 | 2.36% | 0 |
| 6.25 | | 8 | 8.1 | 8.049 | 8.151 | 7.8 | 8.2 | 0.0252 | 0.1512 | 1.87% | 0 |
| 12.5 | | 8 | 7.975 | 7.913 | 8.037 | 7.7 | 8.2 | 0.03054 | 0.1832 | 2.3% | 0 |
| 25 | | 8 | 8.025 | 7.982 | 8.068 | 7.8 | 8.2 | 0.02136 | 0.1282 | 1.6% | 0 |
| 50 | | 8 | 7.925 | 7.89 | 7.96 | 7.7 | 8 | 0.01725 | 0.1035 | 1.31% | 0 |
| 100 | | 8 | 7.913 | 7.874 | 7.951 | 7.7 | 8 | 0.01877 | 0.1126 | 1.42% | 0 |
| Overall | | 48 | 8.002 | | | 7.7 | 8.3 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 10 Jan-10 12:52 (p 2 of 2)
Test Code: 05-5975-3274/VCF1209072c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|------|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 24.28 | 24.16 | 24.39 | 24 | 24.9 | 0.05616 | 0.337 | 1.39% | 0 |
| 6.25 | | 8 | 24.36 | 24.24 | 24.48 | 24 | 24.9 | 0.05838 | 0.3503 | 1.44% | 0 |
| 12.5 | | 8 | 24.39 | 24.26 | 24.52 | 24 | 24.9 | 0.06451 | 0.3871 | 1.59% | 0 |
| 25 | | 8 | 24.35 | 24.24 | 24.46 | 24 | 24.9 | 0.05345 | 0.3207 | 1.32% | 0 |
| 50 | | 8 | 24.4 | 24.28 | 24.52 | 24 | 24.9 | 0.0591 | 0.3546 | 1.45% | 0 |
| 100 | | 8 | 24.19 | 24.08 | 24.3 | 24 | 24.9 | 0.05303 | 0.3182 | 1.32% | 0 |
| Overall | | 48 | 24.33 | | | 24 | 24.9 | | | | 0 (0%) |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 |
| 100 | | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 339 | 358 | 355 | 345 | 350 | 355 | 358 | 365 |
| 6.25 | | 318 | 326 | 323 | 331 | 338 | 339 | 355 | 355 |
| 12.5 | | 307 | 311 | 305 | 304 | 319 | 328 | 348 | 348 |
| 25 | | 279 | 287 | 282 | 301 | 312 | 320 | 335 | 335 |
| 50 | | 233 | 235 | 236 | 239 | 250 | 255 | 355 | 366 |
| 100 | | 132 | 130 | 130 | 139 | 149 | 149 | 155 | 158 |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 7.8 | 7 | 7 | 7.3 | 7.8 | 7.9 | 7.9 | 5.8 |
| 6.25 | | 7.9 | 6.7 | 7.1 | 7 | 7.7 | 7.9 | 7.9 | 7.9 |
| 12.5 | | 7.9 | 6.9 | 7 | 7.1 | 7.5 | 7.7 | 7.8 | 5.5 |
| 25 | | 7.5 | 7.7 | 7.6 | 7.5 | 7.5 | 7 | 7 | 5.5 |
| 50 | | 7.9 | 6.7 | 5.2 | 7 | 7.4 | 7.5 | 7.6 | 7.7 |
| 100 | | 7.8 | 6.7 | 5.2 | 7 | 7.4 | 7.5 | 7.6 | 5.5 |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 99 | 99 | 99 | 93 | 93 | 93 | 93 | 93 |
| 100 | | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 8.3 | 7.9 | 7.9 | 7.9 | 8.3 | 8.3 | 8 | 8 |
| 6.25 | | 8.2 | 8.2 | 7.8 | 8 | 8.2 | 8.2 | 8.2 | 8 |
| 12.5 | | 8.2 | 7.8 | 7.7 | 7.8 | 8 | 8.1 | 8.1 | 8.1 |
| 25 | | 8.2 | 8 | 8 | 7.8 | 8.1 | 8.1 | 8.1 | 7.9 |
| 50 | | 8 | 7.9 | 7.7 | 8 | 8 | 8 | 7.9 | 7.9 |
| 100 | | 7.9 | 7.8 | 7.7 | 8 | 8 | 8 | 8 | 7.9 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|------|------|------|------|------|------|------|------|
| 0 | Negative Contr | 24.2 | 24.2 | 24 | 24.9 | 24.7 | 24 | 24.1 | 24.1 |
| 6.25 | | 24.4 | 24.2 | 24.9 | 24.8 | 24.5 | 24.1 | 24 | 24 |
| 12.5 | | 24.6 | 24 | 24.9 | 24.9 | 24.5 | 24.1 | 24 | 24.1 |
| 25 | | 24.6 | 24 | 24.5 | 24.9 | 24.5 | 24.1 | 24.1 | 24.1 |
| 50 | | 24.8 | 24 | 24.5 | 24.6 | 24.9 | 24.3 | 24.1 | 24 |
| 100 | | 24.4 | 24 | 24.9 | 24 | 24 | 24 | 24.1 | 24.1 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms*" EPA-821-R-02-013. Results were as follows:

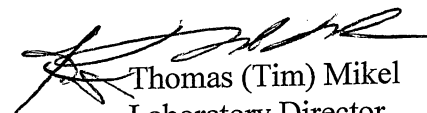
| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | MO-Cam-1 |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.072 |

CHRONIC FATHEAD SURVIVAL & GROWTH BIOASSAY

| | | |
|----------|-------------------|-----------|
| SURVIVAL | NOEC = | 50.00 % |
| | TU _c = | 2.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

| | | |
|--------------|-------------------|-----------|
| REPRODUCTION | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 08 Jan-10 11:40 (p 1 of 4)
Test Code: 06-2315-5236/VCF1209072f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|---|
| Analysis ID: 12-5266-9014 | Endpoint: Mean Dry Biomass-mg | CETIS Version: CETISv1.7.0 |
| Analyzed: 08 Jan-10 11:40 | Analysis: Parametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 10-4638-4518 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 13:10 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 15 Dec-09 14:00 | Species: Pimephales promelas | Brine: Not Applicable |
| Duration: 7d 1h | Source: Aquatic Biosystems, CO | Age: <24h |
| Sample ID: 04-1423-7746 | Code: VCF1209072f | Client: VCWPD |
| Sample Date: 07 Dec-09 12:30 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 25h (3.3 °C) | Station: MO-CAM-1 | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|------|----|--------|
| Untransformed | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 21.19% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|---------|---------|------------------------|
| Negative Control | | 6.25 | 1.066 | 2.407 | 0.06174 | 0.3931 | Non-Significant Effect |
| | | 12.5 | 0.05862 | 2.407 | 0.06174 | 0.8155 | Non-Significant Effect |
| | | 25 | -0.2989 | 2.407 | 0.06174 | 0.9063 | Non-Significant Effect |
| | | 50 | 2.209 | 2.407 | 0.06174 | 0.0721 | Non-Significant Effect |
| | | 100 | 1.547 | 2.407 | 0.06174 | 0.2133 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.2913 | 0.25 - NL | Yes | Result Within Limits |
| PMSD | 0.2119 | 0.12 - 0.3 | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 1.714 | 2.802 | 1.0000 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|------------------------|
| Between | 0.01316697 | 0.002633394 | 5 | 2.002 | 0.1272 | Non-Significant Effect |
| Error | 0.02368197 | 0.001315665 | 18 | | | |
| Total | 0.03684894 | 0.003949059 | 23 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 2.191 | 15.09 | 0.8221 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 1.246 | 4.248 | 0.3292 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9288 | | 0.0916 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.1664 | 0.2056 | 0.0843 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.7383 | 2.576 | 0.4603 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 1.862 | 2.576 | 0.0626 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 4.012 | 9.21 | 0.1345 | Normal Distribution |

Mean Dry Biomass-mg Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|---------|---------|--------|--------|----------|---------|--------|--------|
| 0 | Negative Control | 4 | 0.2913 | 0.2818 | 0.3009 | 0.2713 | 0.328 | 0.004675 | 0.02518 | 8.64% | 0.0% |
| 6.25 | | 4 | 0.264 | 0.2507 | 0.2773 | 0.236 | 0.314 | 0.006471 | 0.03485 | 13.2% | 9.38% |
| 12.5 | | 4 | 0.2898 | 0.2806 | 0.2991 | 0.2627 | 0.3107 | 0.004511 | 0.02429 | 8.38% | 0.52% |
| 25 | | 4 | 0.299 | 0.2858 | 0.3122 | 0.2653 | 0.3313 | 0.006466 | 0.03482 | 11.65% | -2.63% |
| 50 | | 4 | 0.2347 | 0.2148 | 0.2546 | 0.1807 | 0.284 | 0.009708 | 0.05228 | 22.28% | 19.45% |
| 100 | | 4 | 0.2517 | 0.2369 | 0.2665 | 0.2167 | 0.3067 | 0.007217 | 0.03886 | 15.44% | 13.62% |

CETIS Analytical Report

Report Date: 08 Jan-10 11:40 (p 2 of 4)
 Test Code: 06-2315-5236/VCF1209072f

Aquatic Bioassay & Consulting Labs, Inc.

Fathead Minnow 7-d Larval Survival and Growth Test

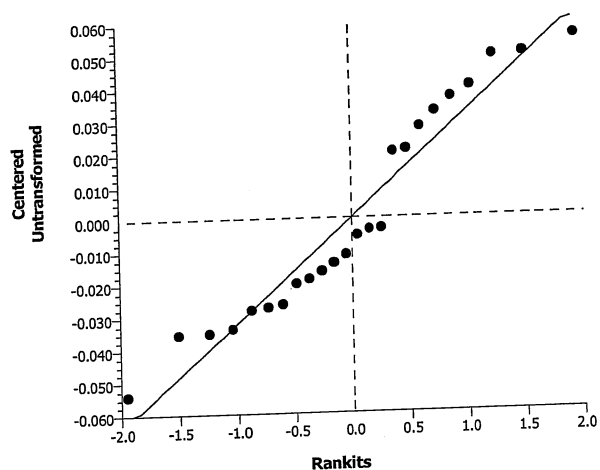
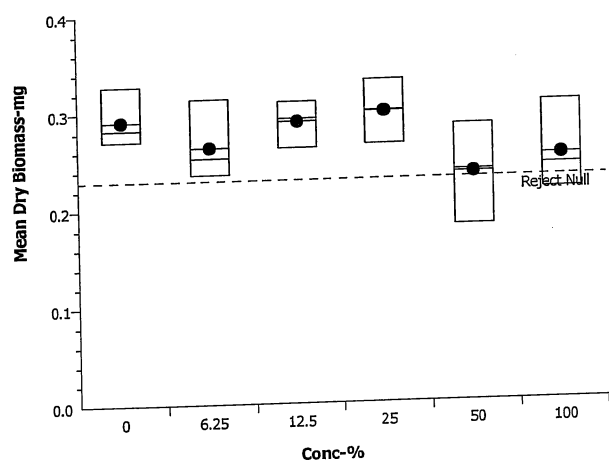
Analysis ID: 12-5266-9014 Endpoint: Mean Dry Biomass-mg
 Analyzed: 08 Jan-10 11:40 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
 Official Results: Yes

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 0.286 | 0.328 | 0.2713 | 0.28 |
| 6.25 | | 0.2453 | 0.314 | 0.236 | 0.2607 |
| 12.5 | | 0.3107 | 0.2627 | 0.276 | 0.31 |
| 25 | | 0.3267 | 0.3313 | 0.2727 | 0.2653 |
| 50 | | 0.284 | 0.2747 | 0.1807 | 0.1993 |
| 100 | | 0.248 | 0.2353 | 0.2167 | 0.3067 |

Graphics



CETIS Analytical Report

Report Date: 08 Jan-10 11:40 (p 3 of 4)
Test Code: 06-2315-5236/VCF1209072f

Aquatic Bioassay & Consulting Labs, Inc.

Fathead Minnow 7-d Larval Survival and Growth Test

| | | |
|-------------------------------|--|---|
| Analysis ID: 14-4096-6323 | Endpoint: 7d Survival Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 08 Jan-10 11:36 | Analysis: Parametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 10-4638-4518 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 13:10 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 15 Dec-09 14:00 | Species: Pimephales promelas | Brine: Not Applicable |
| Duration: 7d 1h | Source: Aquatic Biosystems, CO | Age: <24h |
| Sample ID: 04-1423-7746 | Code: VCF1209072f | Client: VCWPD |
| Sample Date: 07 Dec-09 12:30 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 25h (3.3 °C) | Station: MO-CAM-1 | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|---------------------|------|---------|-------------|------|------|-------|----|--------|
| Angular (Corrected) | 0 | C > T | Not Run | 50 | 100 | 70.71 | 2 | 13.15% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc.-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|---------|-----------|----------|--------|---------|------------------------|
| Negative Control | | 6.25 | 0.6903 | 2.407 | 0.2296 | 0.5624 | Non-Significant Effect |
| | | 12.5 | 0.6903 | 2.407 | 0.2296 | 0.5624 | Non-Significant Effect |
| | | 25 | 0.6403 | 2.407 | 0.2296 | 0.5851 | Non-Significant Effect |
| | | 50 | 2.068 | 2.407 | 0.2296 | 0.0927 | Non-Significant Effect |
| | | 100* | 2.538 | 2.407 | 0.2296 | 0.0389 | Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.9833 | 0.8 - NL | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 2.348 | 2.802 | 0.3077 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|------------------------|
| Between | 0.1733486 | 0.03466971 | 5 | 1.905 | 0.1435 | Non-Significant Effect |
| Error | 0.3276021 | 0.01820011 | 18 | | | |
| Total | 0.5009506 | 0.05286983 | 23 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 8.855 | 15.09 | 0.1150 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 3.864 | 4.248 | 0.0149 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.959 | | 0.4177 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.1677 | 0.2056 | 0.0791 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.3782 | 2.576 | 0.7053 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 0.9561 | 2.576 | 0.3390 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 1.057 | 9.21 | 0.5894 | Normal Distribution |

CETIS Analytical Report

Report Date: 08 Jan-10 11:40 (p 4 of 4)
Test Code: 06-2315-5236/VCF1209072f

Aquatic Bioassay & Consulting Labs, Inc.

Fathead Minnow 7-d Larval Survival and Growth Test

Analysis ID: 14-4096-6323 Endpoint: 7d Survival Rate
Analyzed: 08 Jan-10 11:36 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

7d Survival Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|---------|---------|--------|--------|---------|---------|--------|--------|
| 0 | Negative Control | 4 | 0.9833 | 0.9707 | 0.996 | 0.9333 | 1 | 0.00619 | 0.03333 | 3.39% | 0.0% |
| 6.25 | | 4 | 0.95 | 0.9373 | 0.9627 | 0.9333 | 1 | 0.00619 | 0.03333 | 3.51% | 3.39% |
| 12.5 | | 4 | 0.95 | 0.9373 | 0.9627 | 0.9333 | 1 | 0.00619 | 0.03333 | 3.51% | 3.39% |
| 25 | | 4 | 0.95 | 0.9257 | 0.9743 | 0.8667 | 1 | 0.01185 | 0.06383 | 6.72% | 3.39% |
| 50 | | 4 | 0.8667 | 0.8308 | 0.9025 | 0.7333 | 0.9333 | 0.01751 | 0.09428 | 10.88% | 11.86% |
| 100 | | 4 | 0.8167 | 0.7468 | 0.8865 | 0.6 | 1 | 0.03409 | 0.1836 | 22.48% | 16.95% |

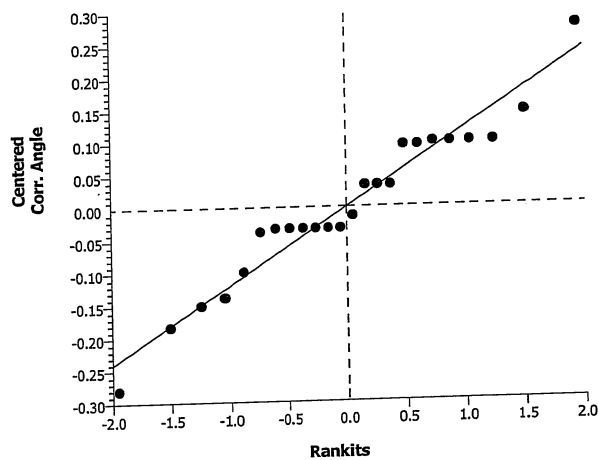
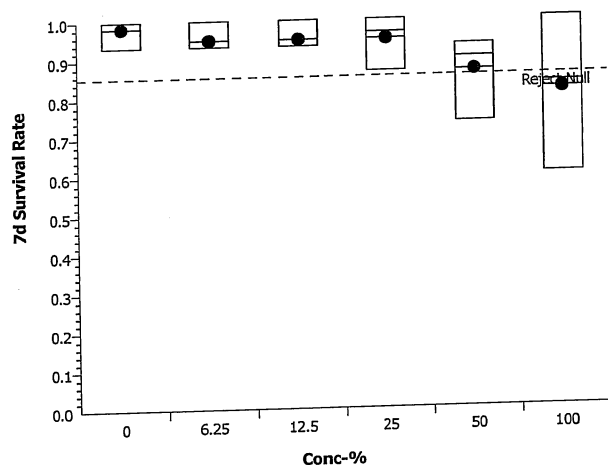
Angular (Corrected) Transformed Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|----------------|-------|-------|---------|---------|--------|-------|---------|---------|--------|--------|
| 0 | Negative Contr | 4 | 1.408 | 1.383 | 1.433 | 1.31 | 1.441 | 0.01223 | 0.06585 | 4.68% | 0.0% |
| 6.25 | | 4 | 1.343 | 1.318 | 1.368 | 1.31 | 1.441 | 0.01223 | 0.06585 | 4.91% | 4.68% |
| 12.5 | | 4 | 1.343 | 1.318 | 1.368 | 1.31 | 1.441 | 0.01223 | 0.06585 | 4.91% | 4.68% |
| 25 | | 4 | 1.347 | 1.302 | 1.392 | 1.197 | 1.441 | 0.02189 | 0.1179 | 8.75% | 4.34% |
| 50 | | 4 | 1.211 | 1.161 | 1.262 | 1.028 | 1.31 | 0.0247 | 0.133 | 10.98% | 14.01% |
| 100 | | 4 | 1.166 | 1.07 | 1.263 | 0.8861 | 1.441 | 0.0472 | 0.2542 | 21.79% | 17.19% |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 0.9333 | 1 | 1 | 1 |
| 6.25 | | 0.9333 | 1 | 0.9333 | 0.9333 |
| 12.5 | | 1 | 0.9333 | 0.9333 | 0.9333 |
| 25 | | 0.9333 | 1 | 1 | 0.8667 |
| 50 | | 0.9333 | 0.9333 | 0.7333 | 0.8667 |
| 100 | | 0.6 | 0.9333 | 0.7333 | 1 |

Graphics



CETIS Analytical Report

Report Date: 08 Jan-10 11:40 (p 1 of 4)
Test Code: 06-2315-5236/VCF1209072f

Aquatic Bioassay & Consulting Labs, Inc.

Fathead Minnow 7-d Larval Survival and Growth Test

| | | |
|-------------------------------|--|---|
| Analysis ID: 04-0432-9699 | Endpoint: Mean Dry Biomass-mg | CETIS Version: CETISv1.7.0 |
| Analyzed: 08 Jan-10 11:40 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 10-4638-4518 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 13:10 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 15 Dec-09 14:00 | Species: Pimephales promelas | Brine: Not Applicable |
| Duration: 7d 1h | Source: Aquatic Biosystems, CO | Age: <24h |
| Sample ID: 04-1423-7746 | Code: VCF1209072f | Client: VCWPD |
| Sample Date: 07 Dec-09 12:30 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 25h (3.3 °C) | Station: MO-CAM-1 | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 5795186 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.2913 | 0.25 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 1.714 | 2.802 | 1.0000 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|-------|---------|---------|-------|---------|---------|
| IC5 | 29.57 | N/A | 50.15 | 3.382 | 1.994 | N/A |
| IC10 | 38.42 | 11.69 | N/A | 2.603 | N/A | 8.553 |
| IC15 | 47.28 | 25.31 | N/A | 2.115 | N/A | 3.95 |
| IC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Mean Dry Biomass-mg Summary

| | | | Calculated Variate | | | | | | |
|--------|------------------|-------|--------------------|--------|--------|----------|---------|--------|--------|
| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 4 | 0.2913 | 0.2713 | 0.328 | 0.004596 | 0.02518 | 8.64% | 0.0% |
| 6.25 | | 4 | 0.264 | 0.236 | 0.314 | 0.006363 | 0.03485 | 13.2% | 9.38% |
| 12.5 | | 4 | 0.2898 | 0.2627 | 0.3107 | 0.004435 | 0.02429 | 8.38% | 0.52% |
| 25 | | 4 | 0.299 | 0.2653 | 0.3313 | 0.006357 | 0.03482 | 11.65% | -2.63% |
| 50 | | 4 | 0.2347 | 0.1807 | 0.284 | 0.009544 | 0.05228 | 22.28% | 19.45% |
| 100 | | 4 | 0.2517 | 0.2167 | 0.3067 | 0.007095 | 0.03886 | 15.44% | 13.62% |

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 0.286 | 0.328 | 0.2713 | 0.28 |
| 6.25 | | 0.2453 | 0.314 | 0.236 | 0.2607 |
| 12.5 | | 0.3107 | 0.2627 | 0.276 | 0.31 |
| 25 | | 0.3267 | 0.3313 | 0.2727 | 0.2653 |
| 50 | | 0.284 | 0.2747 | 0.1807 | 0.1993 |
| 100 | | 0.248 | 0.2353 | 0.2167 | 0.3067 |

CETIS Analytical Report

Report Date: 08 Jan-10 11:40 (p 2 of 4)
Test Code: 06-2315-5236/VCF1209072f

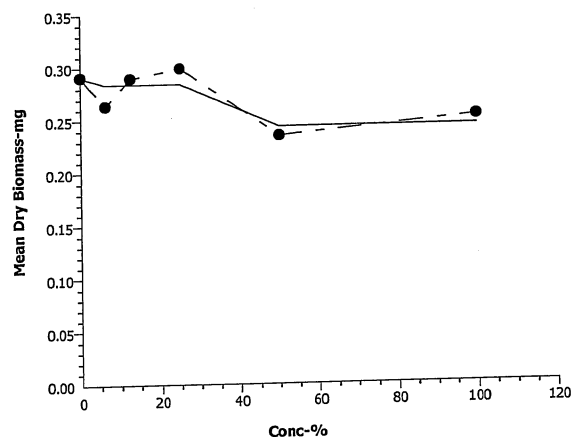
Aquatic Bioassay & Consulting Labs, Inc.

Fathead Minnow 7-d Larval Survival and Growth Test

Analysis ID: 04-0432-9699 Endpoint: Mean Dry Biomass-mg
Analyzed: 08 Jan-10 11:40 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 08 Jan-10 11:40 (p 3 of 4)
Test Code: 06-2315-5236/VCF1209072f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|---|
| Analysis ID: 09-6260-3737 | Endpoint: 7d Survival Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 08 Jan-10 11:36 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 10-4638-4518 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 13:10 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 15 Dec-09 14:00 | Species: Pimephales promelas | Brine: Not Applicable |
| Duration: 7d 1h | Source: Aquatic Biosystems, CO | Age: <24h |
| Sample ID: 04-1423-7746 | Code: VCF1209072f | Client: VCWPD |
| Sample Date: 07 Dec-09 12:30 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 25h (3.3 °C) | Station: MO-CAM-1 | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 5334240 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.9833 | 0.8 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 2.348 | 2.802 | 0.3077 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|-------|---------|---------|-------|---------|---------|
| EC5 | 29.75 | N/A | 60.15 | 3.361 | 1.663 | N/A |
| EC10 | 44.5 | 23.3 | N/A | 2.247 | N/A | 4.292 |
| EC15 | 80.83 | 18.17 | N/A | 1.237 | N/A | 5.505 |
| EC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC50 | >100 | N/A | N/A | <1 | N/A | N/A |

7d Survival Rate Summary

Calculated Variate(A/B)

| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | A | B |
|--------|------------------|-------|--------|--------|--------|----------|---------|--------|--------|----|----|
| 0 | Negative Control | 4 | 0.9833 | 0.9333 | 1 | 0.006086 | 0.03333 | 3.39% | 0.0% | 59 | 60 |
| 6.25 | | 4 | 0.95 | 0.9333 | 1 | 0.006086 | 0.03333 | 3.51% | 3.39% | 57 | 60 |
| 12.5 | | 4 | 0.95 | 0.9333 | 1 | 0.006086 | 0.03333 | 3.51% | 3.39% | 57 | 60 |
| 25 | | 4 | 0.95 | 0.8667 | 1 | 0.01165 | 0.06383 | 6.72% | 3.39% | 57 | 60 |
| 50 | | 4 | 0.8667 | 0.7333 | 0.9333 | 0.01721 | 0.09428 | 10.88% | 11.86% | 52 | 60 |
| 100 | | 4 | 0.8167 | 0.6 | 1 | 0.03352 | 0.1836 | 22.48% | 16.95% | 49 | 60 |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 0.9333 | 1 | 1 | 1 |
| 6.25 | | 0.9333 | 1 | 0.9333 | 0.9333 |
| 12.5 | | 1 | 0.9333 | 0.9333 | 0.9333 |
| 25 | | 0.9333 | 1 | 1 | 0.8667 |
| 50 | | 0.9333 | 0.9333 | 0.7333 | 0.8667 |
| 100 | | 0.6 | 0.9333 | 0.7333 | 1 |

CETIS Analytical Report

Report Date: 08 Jan-10 11:40 (p 4 of 4)
Test Code: 06-2315-5236/VCF1209072f

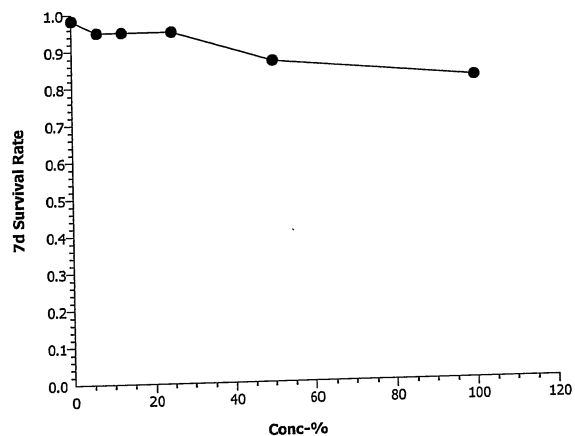
Aquatic Bioassay & Consulting Labs, Inc.

Fathead Minnow 7-d Larval Survival and Growth Test

Analysis ID: 09-6260-3737 Endpoint: 7d Survival Rate
Analyzed: 08 Jan-10 11:36 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 08 Jan-10 11:40 (p 1 of 2)
Test Code: 06-2315-5236/VCF1209072f

Aquatic Bioassay & Consulting Labs, Inc.

Fathead Minnow 7-d Larval Survival and Growth Test

| | | |
|-------------------------------|-----------------------------------|---|
| Batch ID: 10-4638-4518 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 13:10 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 15 Dec-09 14:00 | Species: Pimephales promelas | Brine: Not Applicable |
| Duration: 7d 1h | Source: Aquatic Biosystems, CO | Age: <24h |
| Sample ID: 04-1423-7746 | Code: VCF1209072f | Client: VCWPD |
| Sample Date: 07 Dec-09 12:30 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 25h (3.3 °C) | Station: MO-CAM-1 | |

| Alkalinity (CaCO ₃)-mg/L | | | | | | | | | | | |
|--------------------------------------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 8 | 61 | 61 | 61 | 61 | 61 | 0 | 0 | 0.0% | 0 |
| 100 | | 8 | 42 | 42 | 42 | 42 | 42 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 51.5 | | | 42 | 61 | | | | 0 (0%) |

| Conductivity-µmhos | | | | | | | | | | | |
|--------------------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 8 | 353.1 | 350.3 | 355.9 | 339 | 365 | 1.367 | 8.202 | 2.32% | 0 |
| 6.25 | | 8 | 335.6 | 330.9 | 340.3 | 318 | 355 | 2.316 | 13.9 | 4.14% | 0 |
| 12.5 | | 8 | 321.3 | 315 | 327.5 | 304 | 348 | 3.055 | 18.33 | 5.71% | 0 |
| 25 | | 8 | 306.4 | 298.7 | 314.1 | 279 | 335 | 3.782 | 22.69 | 7.41% | 0 |
| 50 | | 8 | 271.1 | 252.3 | 290 | 233 | 366 | 9.294 | 55.76 | 20.57% | 0 |
| 100 | | 8 | 142.8 | 138.9 | 146.6 | 130 | 158 | 1.906 | 11.44 | 8.01% | 0 |
| Overall | | 48 | 288.4 | | | 130 | 366 | | | | 0 (0%) |

| Dissolved Oxygen-mg/L | | | | | | | | | | | |
|-----------------------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 8 | 7.313 | 7.068 | 7.557 | 5.8 | 7.9 | 0.1203 | 0.722 | 9.87% | 0 |
| 6.25 | | 8 | 7.513 | 7.344 | 7.681 | 6.7 | 7.9 | 0.08283 | 0.497 | 6.62% | 0 |
| 12.5 | | 8 | 7.175 | 6.912 | 7.438 | 5.5 | 7.9 | 0.1293 | 0.776 | 10.82% | 0 |
| 25 | | 8 | 13.35 | 7.655 | 19.04 | 7 | 55 | 2.805 | 16.83 | 126.1% | 0 |
| 50 | | 8 | 7.125 | 6.831 | 7.419 | 5.2 | 7.9 | 0.1447 | 0.8681 | 12.18% | 0 |
| 100 | | 8 | 6.838 | 6.505 | 7.17 | 5.2 | 7.8 | 0.164 | 0.9841 | 14.39% | 0 |
| Overall | | 48 | 8.219 | | | 5.2 | 55 | | | | 0 (0%) |

| Hardness (CaCO ₃)-mg/L | | | | | | | | | | | |
|------------------------------------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 8 | 95.25 | 94.2 | 96.3 | 93 | 99 | 0.5175 | 3.105 | 3.26% | 0 |
| 100 | | 8 | 49 | 49 | 49 | 49 | 49 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 72.13 | | | 49 | 99 | | | | 0 (0%) |

| pH-Units | | | | | | | | | | | |
|----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
| 0 | Negative Contr | 8 | 8.075 | 8.01 | 8.14 | 7.9 | 8.3 | 0.03181 | 0.1909 | 2.36% | 0 |
| 6.25 | | 8 | 8.1 | 8.049 | 8.151 | 7.8 | 8.2 | 0.0252 | 0.1512 | 1.87% | 0 |
| 12.5 | | 8 | 7.975 | 7.913 | 8.037 | 7.7 | 8.2 | 0.03054 | 0.1832 | 2.3% | 0 |
| 25 | | 8 | 8.025 | 7.982 | 8.068 | 7.8 | 8.2 | 0.02136 | 0.1282 | 1.6% | 0 |
| 50 | | 8 | 7.925 | 7.89 | 7.96 | 7.7 | 8 | 0.01725 | 0.1035 | 1.31% | 0 |
| 100 | | 8 | 7.913 | 7.874 | 7.951 | 7.7 | 8 | 0.01877 | 0.1126 | 1.42% | 0 |
| Overall | | 48 | 8.002 | | | 7.7 | 8.3 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 08 Jan-10 11:40 (p 2 of 2)
Test Code: 06-2315-5236/VCF1209072f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|------|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 24.28 | 24.16 | 24.39 | 24 | 24.9 | 0.05616 | 0.337 | 1.39% | 0 |
| 6.25 | | 8 | 24.36 | 24.24 | 24.48 | 24 | 24.9 | 0.05838 | 0.3503 | 1.44% | 0 |
| 12.5 | | 8 | 24.39 | 24.26 | 24.52 | 24 | 24.9 | 0.06451 | 0.3871 | 1.59% | 0 |
| 25 | | 8 | 24.35 | 24.24 | 24.46 | 24 | 24.9 | 0.05345 | 0.3207 | 1.32% | 0 |
| 50 | | 8 | 24.4 | 24.28 | 24.52 | 24 | 24.9 | 0.0591 | 0.3546 | 1.45% | 0 |
| 100 | | 8 | 24.19 | 24.08 | 24.3 | 24 | 24.9 | 0.05303 | 0.3182 | 1.32% | 0 |
| Overall | | 48 | 24.33 | | | 24 | 24.9 | | | | 0 (0%) |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 |
| 100 | | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 339 | 358 | 355 | 345 | 350 | 355 | 358 | 365 |
| 6.25 | | 318 | 326 | 323 | 331 | 338 | 339 | 355 | 355 |
| 12.5 | | 307 | 311 | 305 | 304 | 319 | 328 | 348 | 348 |
| 25 | | 279 | 287 | 282 | 301 | 312 | 320 | 335 | 335 |
| 50 | | 233 | 235 | 236 | 239 | 250 | 255 | 355 | 366 |
| 100 | | 132 | 130 | 130 | 139 | 149 | 149 | 155 | 158 |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 7.8 | 7 | 7 | 7.3 | 7.8 | 7.9 | 7.9 | 5.8 |
| 6.25 | | 7.9 | 6.7 | 7.1 | 7 | 7.7 | 7.9 | 7.9 | 7.9 |
| 12.5 | | 7.9 | 6.9 | 7 | 7.1 | 7.5 | 7.7 | 7.8 | 5.5 |
| 25 | | 7.5 | 7.7 | 7.6 | 7.5 | 7.5 | 7 | 7 | 5.5 |
| 50 | | 7.9 | 6.7 | 5.2 | 7 | 7.4 | 7.5 | 7.6 | 7.7 |
| 100 | | 7.8 | 6.7 | 5.2 | 7 | 7.4 | 7.5 | 7.6 | 5.5 |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 99 | 99 | 99 | 93 | 93 | 93 | 93 | 93 |
| 100 | | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 8.3 | 7.9 | 7.9 | 7.9 | 8.3 | 8.3 | 8 | 8 |
| 6.25 | | 8.2 | 8.2 | 7.8 | 8 | 8.2 | 8.2 | 8.2 | 8 |
| 12.5 | | 8.2 | 7.8 | 7.7 | 7.8 | 8 | 8.1 | 8.1 | 8.1 |
| 25 | | 8.2 | 8 | 8 | 7.8 | 8.1 | 8.1 | 8.1 | 7.9 |
| 50 | | 8 | 7.9 | 7.7 | 8 | 8 | 8 | 7.9 | 7.9 |
| 100 | | 7.9 | 7.8 | 7.7 | 8 | 8 | 8 | 8 | 7.9 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|------|------|------|------|------|------|------|------|
| 0 | Negative Contr | 24.2 | 24.2 | 24 | 24.9 | 24.7 | 24 | 24.1 | 24.1 |
| 6.25 | | 24.4 | 24.2 | 24.9 | 24.8 | 24.5 | 24.1 | 24 | 24 |
| 12.5 | | 24.6 | 24 | 24.9 | 24.9 | 24.5 | 24.1 | 24 | 24.1 |
| 25 | | 24.6 | 24 | 24.5 | 24.9 | 24.5 | 24.1 | 24.1 | 24.1 |
| 50 | | 24.8 | 24 | 24.5 | 24.6 | 24.9 | 24.3 | 24.1 | 24 |
| 100 | | 24.4 | 24 | 24.9 | 24 | 24 | 24 | 24.1 | 24.1 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms EPA-821-R-02-013*
Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | MO-Ojai-1 |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.073 |

CHRONIC SELENASTRUM ALGAE GROWTH BIOASSAY

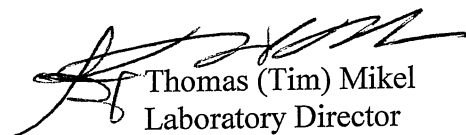
NOEC = 100.00 %

TU_c = 1.00

IC₂₅ = >100.00 %

IC₅₀ = >100.00 %

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 10 Jan-10 13:53 (p 1 of 2)
Test Code: 05-7195-6897/VCF1209073s

| Selenastrum Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | |
|-------------------------|-----------------|------------|----------------------------------|--|------------------------------------|
| Analysis ID: | 14-2194-5853 | Endpoint: | Cell Density | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 10 Jan-10 13:53 | Analysis: | Parametric-Control vs Treatments | Official Results: | Yes |
| Batch ID: | 03-3825-0510 | Test Type: | Cell Growth | Analyst: | |
| Start Date: | 08 Dec-09 20:31 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 12 Dec-09 18:31 | Species: | Selenastrum capricornutum | Brine: | Not Applicable |
| Duration: | 94h | Source: | Aquatic Biosystems, CO | Age: | |
| Sample ID: | 20-9043-0444 | Code: | VCF1209073s | Client: | VCWPD |
| Sample Date: | 07 Dec-09 13:45 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 31h (3.3 °C) | Station: | MO-Ojai-1 | | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|------|----|--------|
| Untransformed | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 11.06% |

| Dunnett's Multiple Comparison Test | | | | | | | |
|------------------------------------|----|--------|-----------|----------|--------|---------|------------------------|
| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
| Negative Control | | 6.25* | 4.621 | 2.407 | 119900 | 0.0005 | Significant Effect |
| | | 12.5 | -4.37 | 2.407 | 119900 | 1.0000 | Non-Significant Effect |
| | | 25 | -4.596 | 2.407 | 119900 | 1.0000 | Non-Significant Effect |
| | | 50 | -6.749 | 2.407 | 119900 | 1.0000 | Non-Significant Effect |
| | | 100 | -6.734 | 2.407 | 119900 | 1.0000 | Non-Significant Effect |

| Test Acceptability | | | | |
|--------------------|-----------|--------------|---------|----------------------|
| Attribute | Test Stat | TAC Limits | Overlap | Decision |
| Control CV | 0.07074 | NL - 0.2 | Yes | Result Within Limits |
| Control Resp | 1.08E+6 | 1.00E+6 - NL | Yes | Result Within Limits |
| PMSD | 0.1106 | 0.091 - 0.29 | Yes | Result Within Limits |

| Auxiliary Tests | | | | | | |
|-----------------|-----------------------|-----------|----------|---------|----------------------|--|
| Attribute | Test | Test Stat | Critical | P-Value | Decision | |
| Extreme Value | Grubbs Single Outlier | 2.033 | 2.802 | 0.8282 | No Outliers Detected | |

| ANOVA Table | | | | | | |
|-------------|--------------|--------------|----|--------|---------|--------------------|
| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
| Between | 9.879897E+11 | 1.975979E+11 | 5 | 39.8 | <0.0001 | Significant Effect |
| Error | 89369250000 | 4964958000 | 18 | | | |
| Total | 1.077359E+12 | 2.025629E+11 | 23 | | | |

| ANOVA Assumptions | | | | | | |
|-------------------|---------------------------------|-----------|----------|---------|---------------------|--|
| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) | |
| Variances | Bartlett Equality of Variance | 8.811 | 15.09 | 0.1168 | Equal Variances | |
| Variances | Mod Levene Equality of Variance | 1.795 | 4.248 | 0.1646 | Equal Variances | |
| Distribution | Shapiro-Wilk Normality | 0.9492 | | 0.2610 | Normal Distribution | |
| Distribution | Kolmogorov-Smirnov | 0.1667 | 0.2056 | 0.0833 | Normal Distribution | |
| Distribution | D'Agostino Skewness | 1.067 | 2.576 | 0.2859 | Normal Distribution | |
| Distribution | D'Agostino Kurtosis | 0.494 | 2.576 | 0.6213 | Normal Distribution | |
| Distribution | D'Agostino Omnibus | 1.383 | 9.21 | 0.5008 | Normal Distribution | |

| Cell Density Summary | | | | | | | | | | | |
|----------------------|------------------|-------|----------|----------|----------|----------|----------|----------|----------|-------|---------|
| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 4 | 1.084E+6 | 1.055E+6 | 1.113E+6 | 1.002E+6 | 1.169E+6 | 1.424E+4 | 7.670E+4 | 7.07% | 0.0% |
| 6.25 | | 4 | 8.540E+5 | 8.497E+5 | 8.583E+5 | 8.400E+5 | 8.680E+5 | 2.123E+3 | 1.143E+4 | 1.34% | 21.24% |
| 12.5 | | 4 | 1.302E+6 | 1.284E+6 | 1.320E+6 | 1.239E+6 | 1.353E+6 | 8.743E+3 | 4.708E+4 | 3.62% | -20.08% |
| 25 | | 4 | 1.313E+6 | 1.285E+6 | 1.342E+6 | 1.206E+6 | 1.379E+6 | 1.395E+4 | 7.512E+4 | 5.72% | -21.12% |
| 50 | | 4 | 1.421E+6 | 1.393E+6 | 1.448E+6 | 1.320E+6 | 1.495E+6 | 1.356E+4 | 7.303E+4 | 5.14% | -31.01% |
| 100 | | 4 | 1.420E+6 | 1.381E+6 | 1.459E+6 | 1.293E+6 | 1.514E+6 | 1.910E+4 | 1.029E+5 | 7.25% | -30.94% |

CETIS Analytical Report

Report Date: 10 Jan-10 13:53 (p 2 of 2)
 Test Code: 05-7195-6897/VCF1209073s

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

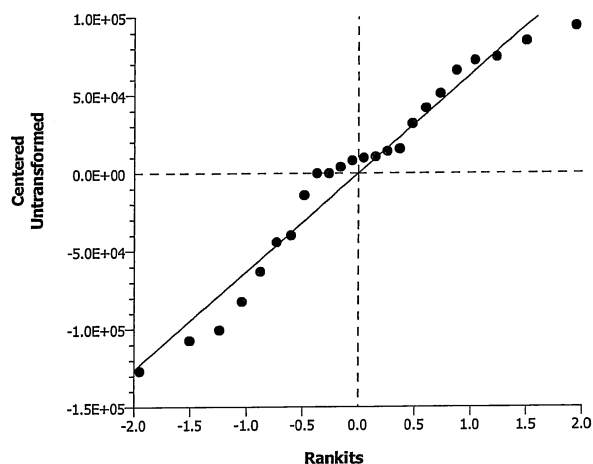
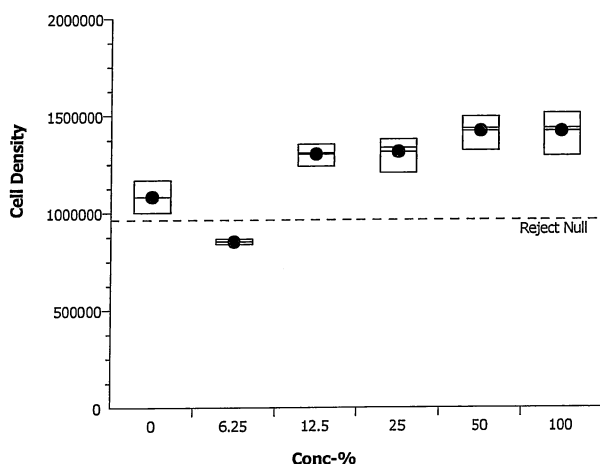
Analysis ID: 14-2194-5853 Endpoint: Cell Density
 Analyzed: 10 Jan-10 13:53 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
 Official Results: Yes

Cell Density Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|----------|----------|----------|----------|
| 0 | Negative Control | 1.040E+6 | 1.169E+6 | 1.002E+6 | 1.126E+6 |
| 6.25 | | 8.540E+5 | 8.680E+5 | 8.400E+5 | 8.540E+5 |
| 12.5 | | 1.310E+6 | 1.239E+6 | 1.353E+6 | 1.306E+6 |
| 25 | | 1.345E+6 | 1.206E+6 | 1.379E+6 | 1.323E+6 |
| 50 | | 1.495E+6 | 1.431E+6 | 1.436E+6 | 1.320E+6 |
| 100 | | 1.380E+6 | 1.514E+6 | 1.293E+6 | 1.492E+6 |

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 13:53 (p 1 of 2)
Test Code: 05-7195-6897/VCF1209073s

| Selenastrum Growth Test | | | Aquatic Bioassay & Consulting Labs, Inc. | |
|-------------------------|-----------------|------------|--|---|
| Analysis ID: | 10-5091-2632 | Endpoint: | Cell Density | CETIS Version: CETISv1.7.0 |
| Analyzed: | 10 Jan-10 13:53 | Analysis: | Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: | 03-3825-0510 | Test Type: | Cell Growth | Analyst: |
| Start Date: | 08 Dec-09 20:31 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: | 12 Dec-09 18:31 | Species: | Selenastrum capricornutum | Brine: Not Applicable |
| Duration: | 94h | Source: | Aquatic Biosystems, CO | Age: |
| Sample ID: | 20-9043-0444 | Code: | VCF1209073s | Client: VCWPD |
| Sample Date: | 07 Dec-09 13:45 | Material: | Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | |
| Sample Age: | 31h (3.3 °C) | Station: | MO-Ojai-1 | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 8714458 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|--------------|---------|----------------------|
| Control CV | 0.07074 | NL - 0.2 | Yes | Result Within Limits |
| Control Resp | 1.08E+6 | 1.00E+6 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 2.033 | 2.802 | 0.8282 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|------|---------|---------|----|---------|---------|
| IC5 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Cell Density Summary

| | | | Calculated Variate | | | | | | |
|--------|------------------|-------|--------------------|----------|----------|----------|----------|-------|---------|
| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 4 | 1.084E+6 | 1.002E+6 | 1.169E+6 | 1.400E+4 | 7.670E+4 | 7.07% | 0.0% |
| 6.25 | | 4 | 8.540E+5 | 8.400E+5 | 8.680E+5 | 2.087E+3 | 1.143E+4 | 1.34% | 21.24% |
| 12.5 | | 4 | 1.302E+6 | 1.239E+6 | 1.353E+6 | 8.596E+3 | 4.708E+4 | 3.62% | -20.08% |
| 25 | | 4 | 1.313E+6 | 1.206E+6 | 1.379E+6 | 1.371E+4 | 7.512E+4 | 5.72% | -21.12% |
| 50 | | 4 | 1.421E+6 | 1.320E+6 | 1.495E+6 | 1.333E+4 | 7.303E+4 | 5.14% | -31.01% |
| 100 | | 4 | 1.420E+6 | 1.293E+6 | 1.514E+6 | 1.878E+4 | 1.029E+5 | 7.25% | -30.94% |

Cell Density Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|----------|----------|----------|----------|
| 0 | Negative Control | 1.040E+6 | 1.169E+6 | 1.002E+6 | 1.126E+6 |
| 6.25 | | 8.540E+5 | 8.680E+5 | 8.400E+5 | 8.540E+5 |
| 12.5 | | 1.310E+6 | 1.239E+6 | 1.353E+6 | 1.306E+6 |
| 25 | | 1.345E+6 | 1.206E+6 | 1.379E+6 | 1.323E+6 |
| 50 | | 1.495E+6 | 1.431E+6 | 1.436E+6 | 1.320E+6 |
| 100 | | 1.380E+6 | 1.514E+6 | 1.293E+6 | 1.492E+6 |

CETIS Analytical Report

Report Date: 10 Jan-10 13:53 (p 2 of 2)
Test Code: 05-7195-6897/VCF1209073s

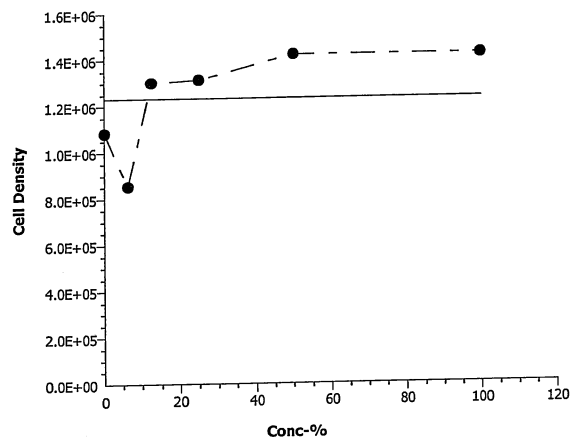
Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 10-5091-2632 Endpoint: Cell Density
Analyzed: 10 Jan-10 13:53 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 10 Jan-10 13:53 (p 1 of 2)
Test Code: 05-7195-6897/VCF1209073s

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|---------------------------|----------|------------------------------------|
| Batch ID: | 03-3825-0510 | Test Type: | Cell Growth | Analyst: | |
| Start Date: | 08 Dec-09 20:31 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 12 Dec-09 18:31 | Species: | Selenastrum capricornutum | Brine: | Not Applicable |
| Duration: | 94h | Source: | Aquatic Biosystems, CO | Age: | |
| Sample ID: | 20-9043-0444 | Code: | VCF1209073s | Client: | VCWPD |
| Sample Date: | 07 Dec-09 13:45 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 31h (3.3 °C) | Station: | MO-Ojai-1 | | |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 1 | 67 | | | 67 | 67 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 1 | 45 | | | 45 | 45 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 1 | 42 | | | 42 | 42 | 0 | 0 | 0.0% | 0 |
| 25 | | 1 | 47 | | | 47 | 47 | 0 | 0 | 0.0% | 0 |
| 50 | | 1 | 51 | | | 51 | 51 | 0 | 0 | 0.0% | 0 |
| 100 | | 1 | 51 | | | 51 | 51 | 0 | 0 | 0.0% | 0 |
| Overall | | 6 | 50.5 | | | 42 | 67 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 5 | 507.4 | 503.8 | 511 | 493 | 520 | 1.797 | 10.78 | 2.13% | 0 |
| 6.25 | | 5 | 453.8 | 447.7 | 459.9 | 426 | 469 | 3.017 | 18.1 | 3.99% | 0 |
| 12.5 | | 5 | 407.8 | 405.1 | 410.5 | 395 | 417 | 1.341 | 8.044 | 1.97% | 0 |
| 25 | | 5 | 319 | 273.4 | 364.6 | 78 | 385 | 22.48 | 134.9 | 42.29% | 0 |
| 50 | | 5 | 324.6 | 321.7 | 327.5 | 311 | 335 | 1.446 | 8.678 | 2.67% | 0 |
| 100 | | 5 | 209.6 | 207.7 | 211.5 | 200 | 214 | 0.9472 | 5.683 | 2.71% | 0 |
| Overall | | 30 | 370.4 | | | 78 | 520 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 1 | 98 | | | 98 | 98 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 1 | 62 | | | 62 | 62 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 1 | 72 | | | 72 | 72 | 0 | 0 | 0.0% | 0 |
| 25 | | 1 | 90 | | | 90 | 90 | 0 | 0 | 0.0% | 0 |
| 50 | | 1 | 100 | | | 100 | 100 | 0 | 0 | 0.0% | 0 |
| 100 | | 1 | 100 | | | 100 | 100 | 0 | 0 | 0.0% | 0 |
| Overall | | 6 | 87 | | | 62 | 100 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 5 | 7.96 | 7.866 | 8.054 | 7.7 | 8.3 | 0.04655 | 0.2793 | 3.51% | 0 |
| 6.25 | | 5 | 7.76 | 7.699 | 7.821 | 7.6 | 8 | 0.03028 | 0.1817 | 2.34% | 0 |
| 12.5 | | 5 | 7.74 | 7.683 | 7.797 | 7.6 | 8 | 0.02789 | 0.1673 | 2.16% | 0 |
| 25 | | 5 | 7.76 | 7.709 | 7.811 | 7.6 | 8 | 0.02528 | 0.1517 | 1.95% | 0 |
| 50 | | 5 | 7.74 | 7.689 | 7.791 | 7.6 | 8 | 0.02528 | 0.1517 | 1.96% | 0 |
| 100 | | 5 | 7.74 | 7.689 | 7.791 | 7.6 | 8 | 0.02528 | 0.1517 | 1.96% | 0 |
| Overall | | 30 | 7.783 | | | 7.6 | 8.3 | | | | 0 (0%) |

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| 25 | | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| 50 | | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| 100 | | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| Overall | | 30 | 24 | | | 24 | 24 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 10 Jan-10 13:53 (p 2 of 2)
Test Code: 05-7195-6897/CF1209073s

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|----|---|---|---|---|
| 0 | Negative Contr | 67 | | | | |
| 6.25 | | 45 | | | | |
| 12.5 | | 42 | | | | |
| 25 | | 47 | | | | |
| 50 | | 51 | | | | |
| 100 | | 51 | | | | |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 520 | 493 | 501 | 508 | 515 |
| 6.25 | | 445 | 426 | 464 | 465 | 469 |
| 12.5 | | 411 | 395 | 408 | 408 | 417 |
| 25 | | 384 | 368 | 380 | 78 | 385 |
| 50 | | 327 | 311 | 324 | 326 | 335 |
| 100 | | 212 | 200 | 209 | 213 | 214 |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|---|---|---|---|
| 0 | Negative Contr | 98 | | | | |
| 6.25 | | 62 | | | | |
| 12.5 | | 72 | | | | |
| 25 | | 90 | | | | |
| 50 | | 100 | | | | |
| 100 | | 100 | | | | |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 8.3 | 8.2 | 7.9 | 7.7 | 7.7 |
| 6.25 | | 8 | 7.9 | 7.6 | 7.6 | 7.7 |
| 12.5 | | 8 | 7.8 | 7.6 | 7.6 | 7.7 |
| 25 | | 8 | 7.8 | 7.6 | 7.7 | 7.7 |
| 50 | | 8 | 7.7 | 7.6 | 7.7 | 7.7 |
| 100 | | 8 | 7.7 | 7.6 | 7.7 | 7.7 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|----|----|----|----|----|
| 0 | Negative Contr | 24 | 24 | 24 | 24 | 24 |
| 6.25 | | 24 | 24 | 24 | 24 | 24 |
| 12.5 | | 24 | 24 | 24 | 24 | 24 |
| 25 | | 24 | 24 | 24 | 24 | 24 |
| 50 | | 24 | 24 | 24 | 24 | 24 |
| 100 | | 24 | 24 | 24 | 24 | 24 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms*" EPA-821-R-02-013. Results were as follows:

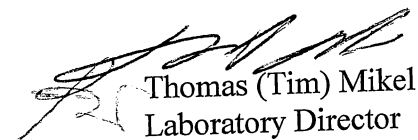
| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | MO-Ojai-1 |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.073 |

CHRONIC CERIODAPHNIA SURVIVAL & REPRODUCTION BIOASSAY

| | | |
|----------|-------------------|-----------|
| SURVIVAL | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

| | | |
|--------------|-------------------|-----------|
| REPRODUCTION | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 10 Jan-10 12:59 (p 1 of 2)
Test Code: 20-8061-6901/VCF1209073c

Aquatic Bioassay & Consulting Labs, Inc.

Ceriodaphnia 7-d Survival and Reproduction Test

| | | |
|-------------------------------|--|---|
| Analysis ID: 03-6983-7628 | Endpoint: Reproduction | CETIS Version: CETISv1.7.0 |
| Analyzed: 10 Jan-10 12:59 | Analysis: Parametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 13-5059-3043 | Test Type: Reproduction-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 14:54 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 27 Dec-09 14:54 | Species: Ceriodaphnia dubia | Brine: Not Applicable |
| Duration: N/A | Source: Aquatic Biosystems, CO | Age: <24H |
| Sample ID: 10-5779-0234 | Code: VCF1209073c | Client: VCWPD |
| Sample Date: 07 Dec-09 13:45 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 25h (3.3 °C) | Station: MO-Ojai-1 | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|------|----|--------|
| Untransformed | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 13.94% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|-------|---------|------------------------|
| Negative Control | | 6.25 | -3.074 | 2.289 | 3.277 | 1.0000 | Non-Significant Effect |
| | | 12.5 | -4.052 | 2.289 | 3.277 | 1.0000 | Non-Significant Effect |
| | | 25 | -4.191 | 2.289 | 3.277 | 1.0000 | Non-Significant Effect |
| | | 50 | -2.724 | 2.289 | 3.277 | 1.0000 | Non-Significant Effect |
| | | 100 | -0.4191 | 2.289 | 3.277 | 0.9287 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|-------------|---------|----------------------|
| Control Resp | 23.5 | 15 - NL | Yes | Result Within Limits |
| PMSD | 0.1394 | 0.13 - 0.47 | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 2.482 | 3.2 | 0.6642 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|--------------------|
| Between | 331.55 | 66.31 | 5 | 6.472 | <0.0001 | Significant Effect |
| Error | 553.3 | 10.2463 | 54 | | | |
| Total | 884.85 | 76.55629 | 59 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 9.904 | 15.09 | 0.0780 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 2.05 | 3.377 | 0.0861 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9838 | | 0.6071 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.05987 | 0.1331 | 0.8823 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.4409 | 2.576 | 0.6593 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 0.4435 | 2.576 | 0.6574 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 0.3911 | 9.21 | 0.8224 | Normal Distribution |

Reproduction Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|------|---------|---------|-----|-----|---------|---------|--------|---------|
| 0 | Negative Control | 10 | 23.5 | 22.73 | 24.27 | 21 | 27 | 0.374 | 2.014 | 8.57% | 0.0% |
| 6.25 | | 10 | 27.9 | 27.09 | 28.71 | 25 | 32 | 0.3959 | 2.132 | 7.64% | -18.72% |
| 12.5 | | 10 | 29.3 | 27.44 | 31.16 | 22 | 36 | 0.9057 | 4.877 | 16.65% | -24.68% |
| 25 | | 10 | 29.5 | 28.5 | 30.5 | 26 | 33 | 0.4894 | 2.635 | 8.93% | -25.53% |
| 50 | | 10 | 27.4 | 26.06 | 28.74 | 23 | 35 | 0.6562 | 3.534 | 12.9% | -16.6% |
| 100 | | 10 | 24.1 | 22.92 | 25.28 | 20 | 29 | 0.577 | 3.107 | 12.89% | -2.55% |

CETIS Analytical Report

Report Date: 10 Jan-10 12:59 (p 2 of 2)
 Test Code: 20-8061-6901/VCF1209073c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

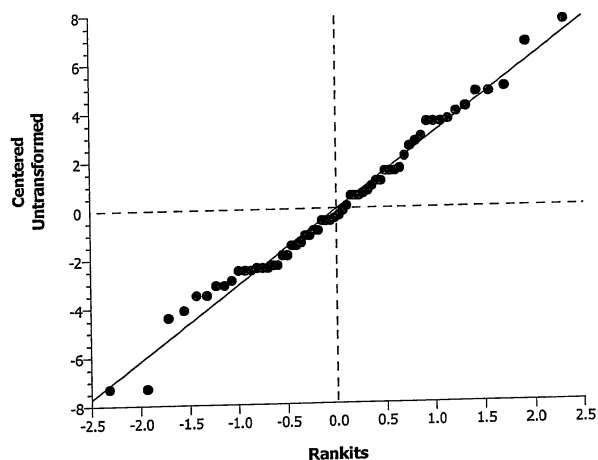
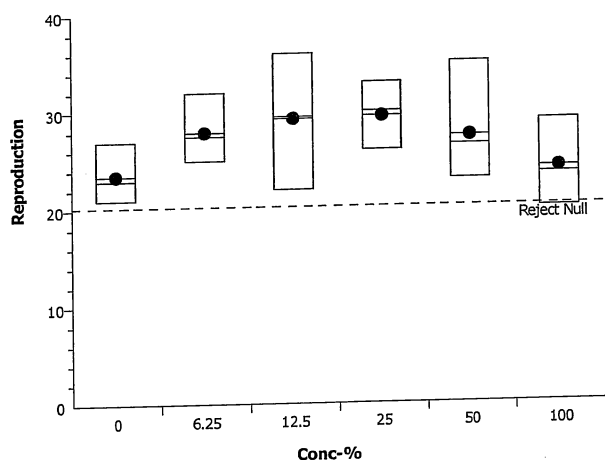
Analysis ID: 03-6983-7628 Endpoint: Reproduction
 Analyzed: 10 Jan-10 12:59 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
 Official Results: Yes

Reproduction Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 21 | 22 | 21 | 25 | 27 | 23 | 23 | 24 | 26 | 23 |
| 6.25 | | 25 | 30 | 32 | 29 | 29 | 28 | 26 | 27 | 27 | 26 |
| 12.5 | | 34 | 29 | 32 | 27 | 27 | 36 | 22 | 34 | 22 | 30 |
| 25 | | 30 | 30 | 33 | 33 | 31 | 31 | 28 | 27 | 26 | 26 |
| 50 | | 31 | 28 | 23 | 25 | 25 | 27 | 35 | 29 | 25 | 26 |
| 100 | | 23 | 20 | 24 | 29 | 25 | 23 | 21 | 21 | 27 | 28 |

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 12:59 (p 1 of 4)
Test Code: 20-8061-6901/VCF1209073c

Aquatic Bioassay & Consulting Labs, Inc.

Ceriodaphnia 7-d Survival and Reproduction Test

| | | |
|-------------------------------|--|---|
| Analysis ID: 17-4251-6286 | Endpoint: Reproduction | CETIS Version: CETISv1.7.0 |
| Analyzed: 10 Jan-10 12:59 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 13-5059-3043 | Test Type: Reproduction-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 14:54 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 27 Dec-19 14:54 | Species: Ceriodaphnia dubia | Brine: Not Applicable |
| Duration: N/A | Source: Aquatic Biosystems, CO | Age: <24H |
| Sample ID: 10-5779-0234 | Code: VCF1209073c | Client: VCWPD |
| Sample Date: 07 Dec-09 13:45 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 25h (3.3 °C) | Station: MO-Ojai-1 | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|--------|-----------|------------|-------------------------|
| Linear | Linear | 453528 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 23.5 | 15 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 2.482 | 3.2 | 0.6642 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|-------|---------|---------|-------|---------|---------|
| IC5 | 68.6 | 39.69 | 89.02 | 1.458 | 1.123 | 2.519 |
| IC10 | 89.47 | 61.45 | N/A | 1.118 | N/A | 1.627 |
| IC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Reproduction Summary

| | | Calculated Variate | | | | | | | |
|--------|------------------|--------------------|------|-----|-----|---------|---------|--------|---------|
| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 10 | 23.5 | 21 | 27 | 0.3677 | 2.014 | 8.57% | 0.0% |
| 6.25 | | 10 | 27.9 | 25 | 32 | 0.3892 | 2.132 | 7.64% | -18.72% |
| 12.5 | | 10 | 29.3 | 22 | 36 | 0.8905 | 4.877 | 16.65% | -24.68% |
| 25 | | 10 | 29.5 | 26 | 33 | 0.4811 | 2.635 | 8.93% | -25.53% |
| 50 | | 10 | 27.4 | 23 | 35 | 0.6452 | 3.534 | 12.9% | -16.6% |
| 100 | | 10 | 24.1 | 20 | 29 | 0.5673 | 3.107 | 12.89% | -2.55% |

Reproduction Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 21 | 22 | 21 | 25 | 27 | 23 | 23 | 24 | 26 | 23 |
| 6.25 | | 25 | 30 | 32 | 29 | 29 | 28 | 26 | 27 | 27 | 26 |
| 12.5 | | 34 | 29 | 32 | 27 | 27 | 36 | 22 | 34 | 22 | 30 |
| 25 | | 30 | 30 | 33 | 33 | 31 | 31 | 28 | 27 | 26 | 26 |
| 50 | | 31 | 28 | 23 | 25 | 25 | 27 | 35 | 29 | 25 | 26 |
| 100 | | 23 | 20 | 24 | 29 | 25 | 23 | 21 | 21 | 27 | 28 |

CETIS Analytical Report

Report Date: 10 Jan-10 12:59 (p 2 of 4)
Test Code: 20-8061-6901/VCF1209073c

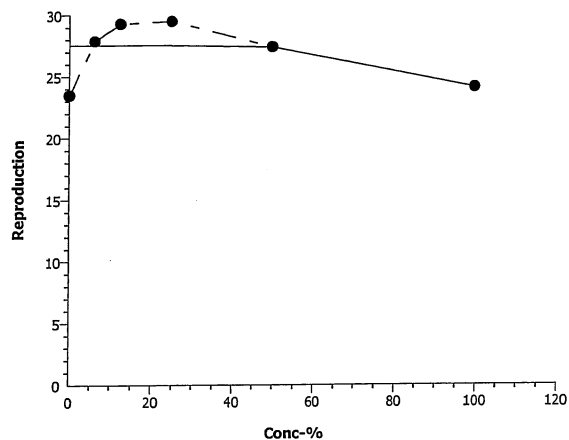
Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 17-4251-6286 Endpoint: Reproduction
Analyzed: 10 Jan-10 12:59 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 12:59 (p 3 of 4)
Test Code: 20-8061-6901/CF1209073c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|---|
| Analysis ID: 06-9922-5487 | Endpoint: 7d Survival Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 10 Jan-10 12:59 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 13-5059-3043 | Test Type: Reproduction-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 14:54 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 27 Dec-09 14:54 | Species: Ceriodaphnia dubia | Brine: Not Applicable |
| Duration: N/A | Source: Aquatic Biosystems, CO | Age: <24H |
| Sample ID: 10-5779-0234 | Code: VCF1209073c | Client: VCWPD |
| Sample Date: 07 Dec-09 13:45 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 25h (3.3 °C) | Station: MO-Ojai-1 | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 7090379 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 1 | 0.8 - NL | Yes | Result Within Limits |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|------|---------|---------|----|---------|---------|
| EC5 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC50 | >100 | N/A | N/A | <1 | N/A | N/A |

7d Survival Rate Summary

Calculated Variate(A/B)

| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | A | B |
|--------|------------------|-------|------|-----|-----|---------|---------|------|-------|----|----|
| 0 | Negative Control | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |
| 6.25 | | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |
| 12.5 | | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |
| 25 | | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |
| 50 | | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |
| 100 | | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 100 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

CETIS Analytical Report

Report Date: 10 Jan-10 12:59 (p 4 of 4)
Test Code: 20-8061-6901/VCF1209073c

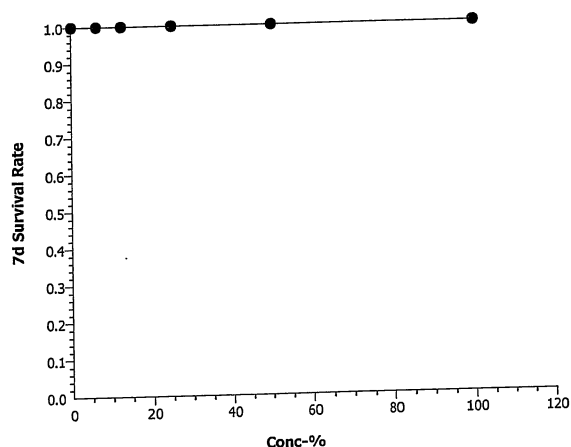
Aquatic Bioassay & Consulting Labs, Inc.

Ceriodaphnia 7-d Survival and Reproduction Test

Analysis ID: 06-9922-5487 Endpoint: 7d Survival Rate
Analyzed: 10 Jan-10 12:59 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 12:59 (p 1 of 2)
Test Code: 20-8061-6901/VCF1209073c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 18-2539-2715
Analyzed: 10 Jan-10 12:59
Endpoint: 7d Survival Rate
Analysis: STP 2x2 Contingency Tables

CETIS Version: CETISv1.7.0
Official Results: Yes

Batch ID: 13-5059-3043
Start Date: 08 Dec-09 14:54
Ending Date: 27 Dec-19 14:54
Duration: N/A
Test Type: Reproduction-Survival (7d)
Protocol: EPA/821/R-02-013 (2002)
Species: Ceriodaphnia dubia
Source: Aquatic Biosystems, CO

Analyst:
Diluent: Laboratory Water
Brine: Not Applicable
Age: <24H

Sample ID: 10-5779-0234
Sample Date: 07 Dec-09 13:45
Receive Date: 07 Dec-09 18:30
Sample Age: 25h (3.3 °C)
Code: VCF1209073c
Material: Sample Water
Source: Bioassay Report
Station: MO-Ojai-1

Client: VCWPD
Project: NPDES Stormwater Monitoring Progra

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|------|----|------|
| Untransformed | | C > T | Not Run | 100 | >100 | N/A | 1 | N/A |

Fisher Exact/Bonferroni-Holm Test

| Control | vs | Conc-% | Test Stat | P-Value | Decision(0.05) |
|------------------|----|--------|-----------|---------|------------------------|
| Negative Control | | 6.25 | 1 | 1.0000 | Non-Significant Effect |
| | | 12.5 | 1 | 1.0000 | Non-Significant Effect |
| | | 25 | 1 | 1.0000 | Non-Significant Effect |
| | | 50 | 1 | 1.0000 | Non-Significant Effect |
| | | 100 | 1 | 1.0000 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 1 | 0.8 - NL | Yes | Result Within Limits |

Data Summary

| Conc-% | Control Type | No-Resp | Resp | Total |
|--------|----------------|---------|------|-------|
| 0 | Negative Contr | 10 | 0 | 10 |
| 6.25 | | 10 | 0 | 10 |
| 12.5 | | 10 | 0 | 10 |
| 25 | | 10 | 0 | 10 |
| 50 | | 10 | 0 | 10 |
| 100 | | 10 | 0 | 10 |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 100 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

CETIS Analytical Report

Report Date: 10 Jan-10 12:59 (p 2 of 2)
Test Code: 20-8061-6901/VCF1209073c

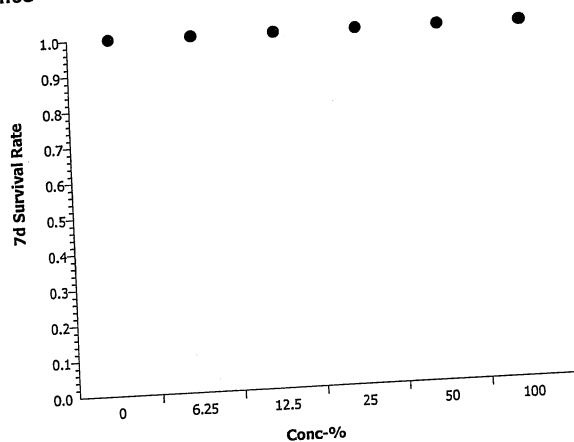
Aquatic Bioassay & Consulting Labs, Inc.

Ceriodaphnia 7-d Survival and Reproduction Test

Analysis ID: 18-2539-2715
Analyzed: 10 Jan-10 12:59
Endpoint: 7d Survival Rate
Analysis: STP 2x2 Contingency Tables

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 10 Jan-10 12:59 (p 1 of 2)

Test Code: 20-8061-6901/VCF1209073c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Batch ID: 13-5059-3043
Start Date: 08 Dec-09 14:54
Ending Date: 27 Dec-09 14:54
Duration: N/A

Test Type: Reproduction-Survival (7d)
Protocol: EPA/821/R-02-013 (2002)
Species: Ceriodaphnia dubia
Source: Aquatic Biosystems, CO

Analyst:
Diluent: Laboratory Water
Brine: Not Applicable
Age: <24H

Sample ID: 10-5779-0234
Sample Date: 07 Dec-09 13:45
Receive Date: 07 Dec-09 18:30
Sample Age: 25h (3.3 °C)

Code: VCF1209073c
Material: Sample Water
Source: Bioassay Report
Station: MO-Ojai-1

Client: VCWPD
Project: NPDES Stormwater Monitoring Progra

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 8 | 61 | 61 | 61 | 61 | 61 | 0 | 0 | 0.0% | 0 |
| 100 | | 8 | 31 | 31 | 31 | 31 | 31 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 46 | | | 31 | 61 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 354.8 | 351.4 | 358.1 | 339 | 368 | 1.628 | 9.765 | 2.75% | 0 |
| 6.25 | | 8 | 335.1 | 329.5 | 340.7 | 313 | 355 | 2.757 | 16.54 | 4.94% | 0 |
| 12.5 | | 8 | 318.9 | 313.4 | 324.3 | 302 | 347 | 2.678 | 16.07 | 5.04% | 0 |
| 25 | | 8 | 308.8 | 301.6 | 315.9 | 278 | 344 | 3.524 | 21.14 | 6.85% | 0 |
| 50 | | 8 | 278 | 266.9 | 289.1 | 223 | 299 | 5.474 | 32.84 | 11.81% | 0 |
| 100 | | 8 | 126 | 121 | 131 | 109 | 148 | 2.462 | 14.77 | 11.73% | 0 |
| Overall | | 48 | 286.9 | | | 109 | 368 | | | | 0 (0%) |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 7.175 | 6.856 | 7.494 | 5.7 | 8 | 0.1573 | 0.9438 | 13.15% | 0 |
| 6.25 | | 8 | 6.863 | 6.531 | 7.194 | 5.7 | 7.8 | 0.1635 | 0.9812 | 14.3% | 0 |
| 12.5 | | 8 | 6.95 | 6.661 | 7.239 | 5.5 | 7.7 | 0.1425 | 0.8552 | 12.31% | 0 |
| 25 | | 8 | 7.063 | 6.804 | 7.321 | 5.5 | 7.7 | 0.1272 | 0.7633 | 10.81% | 0 |
| 50 | | 8 | 6.95 | 6.704 | 7.196 | 5.6 | 7.7 | 0.1212 | 0.727 | 10.46% | 0 |
| 100 | | 8 | 6.8 | 6.513 | 7.087 | 5.5 | 7.7 | 0.1414 | 0.8485 | 12.48% | 0 |
| Overall | | 48 | 6.967 | | | 5.5 | 8 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 95.25 | 94.2 | 96.3 | 93 | 99 | 0.5175 | 3.105 | 3.26% | 0 |
| 100 | | 8 | 44 | 44 | 44 | 44 | 44 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 69.63 | | | 44 | 99 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 8.138 | 8.078 | 8.197 | 7.9 | 8.3 | 0.02946 | 0.1768 | 2.17% | 0 |
| 6.25 | | 8 | 7.938 | 7.88 | 7.995 | 7.6 | 8.1 | 0.02808 | 0.1685 | 2.12% | 0 |
| 12.5 | | 8 | 7.9 | 7.846 | 7.954 | 7.6 | 8.1 | 0.02673 | 0.1604 | 2.03% | 0 |
| 25 | | 8 | 7.863 | 7.818 | 7.907 | 7.6 | 8 | 0.02171 | 0.1302 | 1.66% | 0 |
| 50 | | 8 | 7.838 | 7.797 | 7.878 | 7.6 | 8 | 0.0198 | 0.1188 | 1.52% | 0 |
| 100 | | 8 | 7.863 | 7.827 | 7.898 | 7.7 | 8 | 0.01768 | 0.1061 | 1.35% | 0 |
| Overall | | 48 | 7.923 | | | 7.6 | 8.3 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 10 Jan-10 12:59 (p 2 of 2)
Test Code: 20-8061-6901/VCF1209073c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|------|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 24.18 | 24.09 | 24.26 | 24 | 24.8 | 0.04341 | 0.2605 | 1.08% | 0 |
| 6.25 | | 8 | 24.33 | 24.26 | 24.39 | 24 | 24.5 | 0.03421 | 0.2053 | 0.84% | 0 |
| 12.5 | | 8 | 24.23 | 24.14 | 24.31 | 24 | 24.7 | 0.04058 | 0.2435 | 1.01% | 0 |
| 25 | | 8 | 24.31 | 24.22 | 24.4 | 24 | 24.7 | 0.04403 | 0.2642 | 1.09% | 0 |
| 50 | | 8 | 24.35 | 24.24 | 24.46 | 24 | 24.9 | 0.05564 | 0.3338 | 1.37% | 0 |
| 100 | | 8 | 24.51 | 24.28 | 24.75 | 24 | 26 | 0.116 | 0.6958 | 2.84% | 0 |
| Overall | | 48 | 24.32 | | | 24 | 26 | | | | 0 (0%) |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 |
| 100 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 339 | 358 | 355 | 345 | 350 | 358 | 368 | 365 |
| 6.25 | | 313 | 326 | 318 | 329 | 335 | 350 | 355 | 355 |
| 12.5 | | 302 | 311 | 305 | 308 | 315 | 328 | 335 | 347 |
| 25 | | 278 | 284 | 304 | 344 | 310 | 310 | 315 | 325 |
| 50 | | 223 | 229 | 279 | 299 | 298 | 299 | 298 | 299 |
| 100 | | 110 | 109 | 110 | 129 | 129 | 135 | 138 | 148 |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 7.8 | 8 | 7 | 7.3 | 5.7 | 7.9 | 7.9 | 5.8 |
| 6.25 | | 7.7 | 6 | 5.7 | 6.5 | 7.7 | 7.8 | 7.8 | 5.7 |
| 12.5 | | 7.7 | 6.6 | 6.1 | 6.7 | 7.6 | 7.7 | 7.7 | 5.5 |
| 25 | | 7.7 | 6.9 | 6.8 | 6.7 | 7.5 | 7.7 | 7.7 | 5.5 |
| 50 | | 7.7 | 6.8 | 6.3 | 6.8 | 7.3 | 7.5 | 7.6 | 5.6 |
| 100 | | 7.7 | 6.3 | 5.8 | 6.8 | 7.2 | 7.5 | 7.6 | 5.5 |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 99 | 99 | 99 | 93 | 93 | 93 | 93 | 93 |
| 100 | | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 8.3 | 7.9 | 7.9 | 8.3 | 8.3 | 8.2 | 8.2 | 8 |
| 6.25 | | 7.9 | 7.8 | 7.6 | 8 | 8 | 8.1 | 8.1 | 8 |
| 12.5 | | 7.8 | 7.8 | 7.6 | 7.9 | 8 | 8 | 8.1 | 8 |
| 25 | | 7.8 | 7.8 | 7.6 | 7.9 | 8 | 7.9 | 8 | 7.9 |
| 50 | | 7.8 | 7.8 | 7.6 | 7.9 | 8 | 7.9 | 7.8 | 7.9 |
| 100 | | 7.9 | 7.7 | 7.7 | 7.9 | 8 | 7.9 | 7.9 | 7.9 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|------|------|------|------|------|------|------|------|
| 0 | Negative Contr | 24.2 | 24.1 | 24 | 24.8 | 24 | 24.1 | 24.1 | 24.1 |
| 6.25 | | 24.2 | 24.1 | 24.5 | 24.3 | 24.5 | 24.5 | 24 | 24.5 |
| 12.5 | | 24.2 | 24 | 24.5 | 24.7 | 24.1 | 24.1 | 24.1 | 24.1 |
| 25 | | 24.4 | 24 | 24.7 | 24.7 | 24.2 | 24.2 | 24.2 | 24.1 |
| 50 | | 24.4 | 24 | 24.9 | 24.8 | 24.1 | 24.3 | 24.2 | 24.1 |
| 100 | | 24.9 | 24 | 26 | 24.8 | 24.1 | 24.1 | 24.1 | 24.1 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms* EPA-821-R-02-013. Results were as follows:

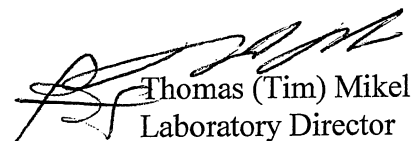
| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | MO-Ojai-1 |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.073 |

CHRONIC FATHEAD SURVIVAL & GROWTH BIOASSAY

| | | |
|----------|--------------------|-----------|
| SURVIVAL | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC ₂₅ = | >100.00 % |
| | IC ₅₀ = | >100.00 % |

| | | |
|--------------|--------------------|---------|
| REPRODUCTION | NOEC = | <6.25 % |
| | TU _c = | >16.00 |
| | IC ₂₅ = | <6.25 % |
| | IC ₅₀ = | <6.25 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 10 Jan-10 11:54 (p 1 of 4)
Test Code: 02-9502-2257/VCF1209073f

| Fathead Minnow 7-d Larval Survival and Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | |
|--|-----------------|------------|----------------------------------|--|------------------------------------|
| Analysis ID: | 11-4150-0021 | Endpoint: | Mean Dry Biomass-mg | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 10 Jan-10 11:51 | Analysis: | Parametric-Control vs Treatments | Official Results: | Yes |
| Batch ID: | 13-4556-6760 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 14:54 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 15 Dec-09 14:54 | Species: | Pimephales promelas | Brine: | Not Applicable |
| Duration: | 7d 0h | Source: | Aquatic Biosystems, CO | Age: | <24H |
| Sample ID: | 07-5888-2482 | Code: | VCF1209073f | Client: | VCWPD |
| Sample Date: | 07 Dec-09 13:45 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 25h (3.3 °C) | Station: | MO-Ojai-1 | | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|-------|------|------|-----|--------|
| Untransformed | 0 | C > T | Not Run | <6.25 | 6.25 | N/A | >16 | 12.92% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|---------|---------|--------------------|
| Negative Control | | 6.25* | 4.488 | 2.407 | 0.03763 | 0.0007 | Significant Effect |
| | | 12.5* | 4.585 | 2.407 | 0.03763 | 0.0005 | Significant Effect |
| | | 25* | 3.785 | 2.407 | 0.03763 | 0.0029 | Significant Effect |
| | | 50* | 4.275 | 2.407 | 0.03763 | 0.0010 | Significant Effect |
| | | 100* | 3.742 | 2.407 | 0.03763 | 0.0032 | Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.2913 | 0.25 - NL | Yes | Result Within Limits |
| PMSD | 0.1292 | 0.12 - 0.3 | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 2.361 | 2.802 | 0.2944 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|--------------|----|--------|---------|--------------------|
| Between | 0.01480171 | 0.002960341 | 5 | 6.057 | 0.0019 | Significant Effect |
| Error | 0.008797959 | 0.0004887755 | 18 | | | |
| Total | 0.02359967 | 0.003449117 | 23 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 3.873 | 15.09 | 0.5679 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 0.5192 | 4.248 | 0.7585 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9836 | | 0.9515 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.1144 | 0.2056 | 0.5845 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.6185 | 2.576 | 0.5362 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 0.4233 | 2.576 | 0.6721 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 0.5617 | 9.21 | 0.7551 | Normal Distribution |

Mean Dry Biomass-mg Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|---------|---------|--------|--------|----------|---------|--------|--------|
| 0 | Negative Control | 4 | 0.2913 | 0.2818 | 0.3009 | 0.2713 | 0.328 | 0.004675 | 0.02518 | 8.64% | 0.0% |
| 6.25 | | 4 | 0.2212 | 0.2131 | 0.2292 | 0.1947 | 0.246 | 0.003943 | 0.02124 | 9.6% | 24.09% |
| 12.5 | | 4 | 0.2197 | 0.212 | 0.2273 | 0.19 | 0.2327 | 0.00373 | 0.02009 | 9.14% | 24.6% |
| 25 | | 4 | 0.2322 | 0.2282 | 0.2361 | 0.2213 | 0.2413 | 0.001919 | 0.01034 | 4.45% | 20.31% |
| 50 | | 4 | 0.2245 | 0.2187 | 0.2303 | 0.2153 | 0.2473 | 0.002835 | 0.01527 | 6.8% | 22.94% |
| 100 | | 4 | 0.2328 | 0.2202 | 0.2455 | 0.1867 | 0.2613 | 0.006171 | 0.03323 | 14.27% | 20.08% |

CETIS Analytical Report

Report Date: 10 Jan-10 11:54 (p 2 of 4)
Test Code: 02-9502-2257/VCF1209073f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

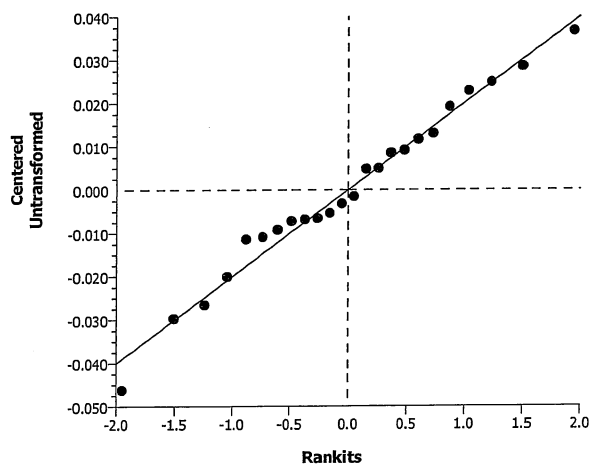
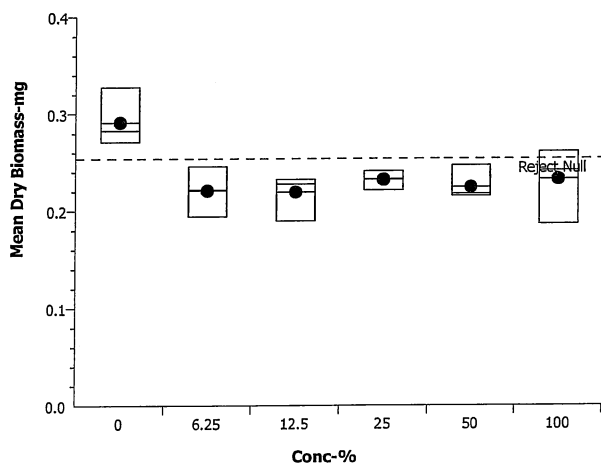
Analysis ID: 11-4150-0021 Endpoint: Mean Dry Biomass-mg
Analyzed: 10 Jan-10 11:51 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 0.286 | 0.328 | 0.2713 | 0.28 |
| 6.25 | | 0.226 | 0.246 | 0.218 | 0.1947 |
| 12.5 | | 0.2247 | 0.2313 | 0.19 | 0.2327 |
| 25 | | 0.2213 | 0.2253 | 0.2413 | 0.2407 |
| 50 | | 0.2153 | 0.2173 | 0.2473 | 0.218 |
| 100 | | 0.1867 | 0.2313 | 0.252 | 0.2613 |

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 11:54 (p 3 of 4)
Test Code: 02-9502-2257/VCF1209073f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|----------------------------------|-------------------|------------------------------------|
| Analysis ID: | 11-5534-8995 | Endpoint: | 7d Survival Rate | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 10 Jan-10 11:49 | Analysis: | Parametric-Control vs Treatments | Official Results: | Yes |
| Batch ID: | 13-4556-6760 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 14:54 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 15 Dec-09 14:54 | Species: | Pimephales promelas | Brine: | Not Applicable |
| Duration: | 7d 0h | Source: | Aquatic Biosystems, CO | Age: | <24H |
| Sample ID: | 07-5888-2482 | Code: | VCF1209073f | Client: | VCWPD |
| Sample Date: | 07 Dec-09 13:45 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 25h (3.3 °C) | Station: | MO-Ojai-1 | | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|---------------------|------|---------|-------------|------|------|------|----|--------|
| Angular (Corrected) | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 10.37% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|--------|---------|------------------------|
| Negative Control | | 6.25 | 0.7771 | 2.407 | 0.1892 | 0.5227 | Non-Significant Effect |
| | | 12.5 | 0.4189 | 2.407 | 0.1892 | 0.6822 | Non-Significant Effect |
| | | 25 | 0 | 2.407 | 0.1892 | 0.8333 | Non-Significant Effect |
| | | 50 | 1.84 | 2.407 | 0.1892 | 0.1361 | Non-Significant Effect |
| | | 100 | 1.063 | 2.407 | 0.1892 | 0.3944 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.9833 | 0.8 - NL | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 2.214 | 2.802 | 0.4802 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|------------------------|
| Between | 0.06165013 | 0.01233003 | 5 | 0.9978 | 0.4469 | Non-Significant Effect |
| Error | 0.222437 | 0.01235761 | 18 | | | |
| Total | 0.2840871 | 0.02468764 | 23 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|-------------------------|
| Variances | Bartlett Equality of Variance | 4.013 | 15.09 | 0.5475 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 1.278 | 4.248 | 0.3161 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.96 | | 0.4391 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.2144 | 0.2056 | 0.0057 | Non-normal Distribution |
| Distribution | D'Agostino Skewness | 1.003 | 2.576 | 0.3160 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 0.1684 | 2.576 | 0.8662 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 1.034 | 9.21 | 0.5963 | Normal Distribution |

CETIS Analytical Report

Report Date: 10 Jan-10 11:54 (p 4 of 4)
Test Code: 02-9502-2257/VCf1209073f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 11-5534-8995 Endpoint: 7d Survival Rate
Analyzed: 10 Jan-10 11:49 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

7d Survival Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|---------|---------|--------|-----|----------|---------|-------|-------|
| 0 | Negative Control | 4 | 0.9833 | 0.9707 | 0.996 | 0.9333 | 1 | 0.00619 | 0.03333 | 3.39% | 0.0% |
| 6.25 | | 4 | 0.95 | 0.9257 | 0.9743 | 0.8667 | 1 | 0.01185 | 0.06383 | 6.72% | 3.39% |
| 12.5 | | 4 | 0.9667 | 0.952 | 0.9813 | 0.9333 | 1 | 0.007147 | 0.03849 | 3.98% | 1.7% |
| 25 | | 4 | 0.9833 | 0.9707 | 0.996 | 0.9333 | 1 | 0.00619 | 0.03333 | 3.39% | 0.0% |
| 50 | | 4 | 0.9 | 0.8673 | 0.9327 | 0.8 | 1 | 0.01598 | 0.08607 | 9.56% | 8.48% |
| 100 | | 4 | 0.9333 | 0.8975 | 0.9692 | 0.8 | 1 | 0.01751 | 0.09428 | 10.1% | 5.09% |

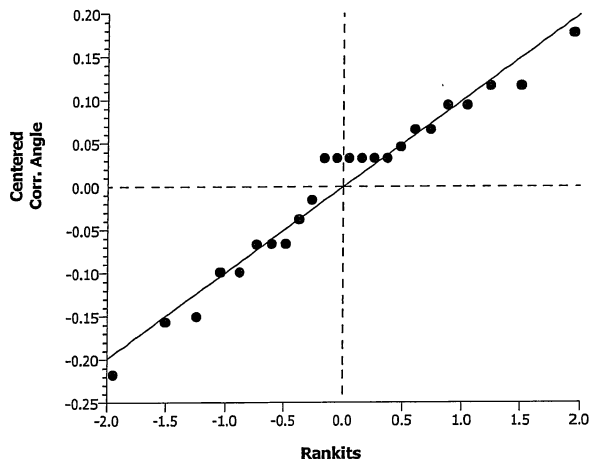
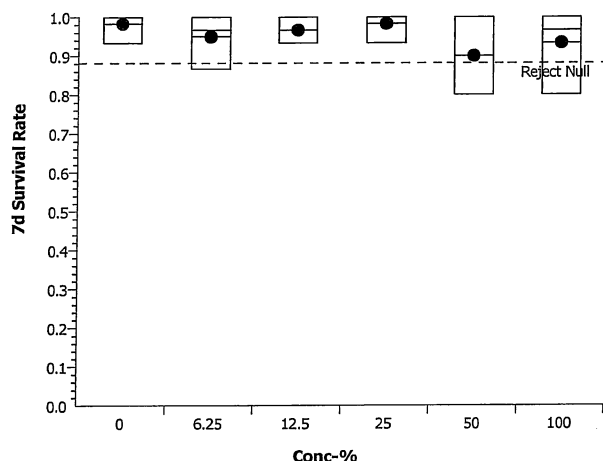
Angular (Corrected) Transformed Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|----------------|-------|-------|---------|---------|-------|-------|---------|---------|--------|--------|
| 0 | Negative Contr | 4 | 1.408 | 1.383 | 1.433 | 1.31 | 1.441 | 0.01223 | 0.06585 | 4.68% | 0.0% |
| 6.25 | | 4 | 1.347 | 1.302 | 1.392 | 1.197 | 1.441 | 0.02189 | 0.1179 | 8.75% | 4.34% |
| 12.5 | | 4 | 1.375 | 1.347 | 1.404 | 1.31 | 1.441 | 0.01412 | 0.07603 | 5.53% | 2.34% |
| 25 | | 4 | 1.408 | 1.383 | 1.433 | 1.31 | 1.441 | 0.01223 | 0.06585 | 4.68% | 0.0% |
| 50 | | 4 | 1.264 | 1.209 | 1.319 | 1.107 | 1.441 | 0.02683 | 0.1445 | 11.43% | 10.27% |
| 100 | | 4 | 1.325 | 1.265 | 1.385 | 1.107 | 1.441 | 0.02931 | 0.1579 | 11.92% | 5.93% |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 0.9333 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 0.9333 | 0.8667 |
| 12.5 | | 1 | 0.9333 | 0.9333 | 1 |
| 25 | | 0.9333 | 1 | 1 | 1 |
| 50 | | 1 | 0.8 | 0.8667 | 0.9333 |
| 100 | | 0.8 | 1 | 0.9333 | 1 |

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 11:54 (p 1 of 4)
Test Code: 02-9502-2257/VCF1209073f

| Fathead Minnow 7-d Larval Survival and Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | |
|--|-----------------|------------|------------------------------|--|------------------------------------|
| Analysis ID: | 20-9790-2838 | Endpoint: | Mean Dry Biomass-mg | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 10 Jan-10 11:49 | Analysis: | Linear Interpolation (ICPIN) | Official Results: | Yes |
| Batch ID: | 13-4556-6760 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 14:54 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 15 Dec-09 14:54 | Species: | Pimephales promelas | Brine: | Not Applicable |
| Duration: | 7d 0h | Source: | Aquatic Biosystems, CO | Age: | <24H |
| Sample ID: | 07-5888-2482 | Code: | VCF1209073f | Client: | VCWPD |
| Sample Date: | 07 Dec-09 13:45 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 25h (3.3 °C) | Station: | MO-Ojai-1 | | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 5334240 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|--------------------|
| Control Resp | -16.31 | 0.25 - NL | Yes | Result Below Limit |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|-------|---------|---------|-----|---------|---------|
| IC5 | <6.25 | N/A | N/A | >16 | N/A | N/A |
| IC10 | <6.25 | N/A | N/A | >16 | N/A | N/A |
| IC15 | <6.25 | N/A | N/A | >16 | N/A | N/A |
| IC20 | <6.25 | N/A | N/A | >16 | N/A | N/A |
| IC25 | <6.25 | N/A | N/A | >16 | N/A | N/A |
| IC40 | <6.25 | N/A | N/A | >16 | N/A | N/A |
| IC50 | <6.25 | N/A | N/A | >16 | N/A | N/A |

Mean Dry Biomass-mg Summary

| | | | Calculated Variate | | | | | | |
|--------|------------------|-------|--------------------|--------|--------|----------|---------|---------|--------|
| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 4 | -16.31 | -66.34 | 0.538 | 6.089 | 33.35 | -204.5% | 0.0% |
| 6.25 | | 4 | 0.2212 | 0.1947 | 0.246 | 0.003877 | 0.02124 | 9.6% | 101.4% |
| 12.5 | | 4 | 0.2197 | 0.19 | 0.2327 | 0.003667 | 0.02009 | 9.14% | 101.3% |
| 25 | | 4 | 0.2322 | 0.2213 | 0.2413 | 0.001887 | 0.01034 | 4.45% | 101.4% |
| 50 | | 4 | 0.2245 | 0.2153 | 0.2473 | 0.002788 | 0.01527 | 6.8% | 101.4% |
| 100 | | 4 | 0.2328 | 0.1867 | 0.2613 | 0.006068 | 0.03323 | 14.27% | 101.4% |

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 0.286 | -66.34 | 0.538 | 0.28 |
| 6.25 | | 0.226 | 0.246 | 0.218 | 0.1947 |
| 12.5 | | 0.2247 | 0.2313 | 0.19 | 0.2327 |
| 25 | | 0.2213 | 0.2253 | 0.2413 | 0.2407 |
| 50 | | 0.2153 | 0.2173 | 0.2473 | 0.218 |
| 100 | | 0.1867 | 0.2313 | 0.252 | 0.2613 |

CETIS Analytical Report

Report Date: 10 Jan-10 11:54 (p 2 of 4)
Test Code: 02-9502-2257/CF1209073f

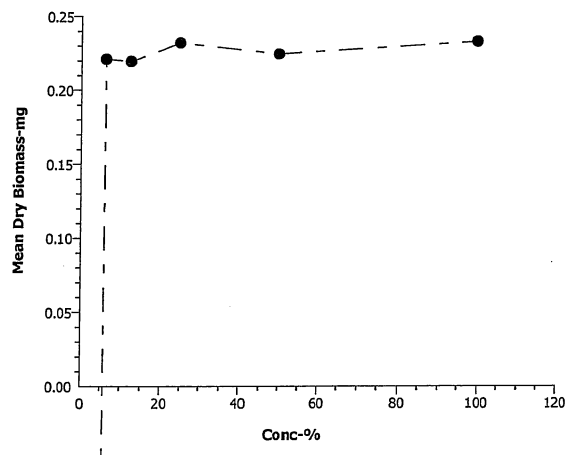
Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 20-9790-2838 Endpoint: Mean Dry Biomass-mg
Analyzed: 10 Jan-10 11:49 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 11:54 (p 3 of 4)
Test Code: 02-9502-2257/VCF1209073f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|---|
| Analysis ID: 08-2146-3295 | Endpoint: 7d Survival Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 10 Jan-10 11:49 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 13-4556-6760 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 14:54 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 15 Dec-09 14:54 | Species: Pimephales promelas | Brine: Not Applicable |
| Duration: 7d 0h | Source: Aquatic Biosystems, CO | Age: <24H |
| Sample ID: 07-5888-2482 | Code: VCF1209073f | Client: VCWPD |
| Sample Date: 07 Dec-09 13:45 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 25h (3.3 °C) | Station: MO-Ojai-1 | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 7055475 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.9833 | 0.8 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 2.214 | 2.802 | 0.4802 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|-------|---------|---------|-------|---------|---------|
| EC5 | 41.25 | 15.25 | N/A | 2.424 | N/A | 6.557 |
| EC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC50 | >100 | N/A | N/A | <1 | N/A | N/A |

7d Survival Rate Summary

| 7d Survival Rate Summary | | | Calculated Variate(A/B) | | | | | | | | | |
|--------------------------|------------------|-------|-------------------------|--------|-----|----------|---------|-------|-------|----|----|--|
| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | A | B | |
| 0 | Negative Control | 4 | 0.9833 | 0.9333 | 1 | 0.006086 | 0.03333 | 3.39% | 0.0% | 59 | 60 | |
| 6.25 | | 4 | 0.95 | 0.8667 | 1 | 0.01165 | 0.06383 | 6.72% | 3.39% | 57 | 60 | |
| 12.5 | | 4 | 0.9667 | 0.9333 | 1 | 0.007027 | 0.03849 | 3.98% | 1.7% | 58 | 60 | |
| 25 | | 4 | 0.9833 | 0.9333 | 1 | 0.006086 | 0.03333 | 3.39% | 0.0% | 59 | 60 | |
| 50 | | 4 | 0.9 | 0.8 | 1 | 0.01571 | 0.08607 | 9.56% | 8.48% | 54 | 60 | |
| 100 | | 4 | 0.9333 | 0.8 | 1 | 0.01721 | 0.09428 | 10.1% | 5.09% | 56 | 60 | |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 0.9333 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 0.9333 | 0.8667 |
| 12.5 | | 1 | 0.9333 | 0.9333 | 1 |
| 25 | | 0.9333 | 1 | 1 | 1 |
| 50 | | 1 | 0.8 | 0.8667 | 0.9333 |
| 100 | | 0.8 | 1 | 0.9333 | 1 |

CETIS Analytical Report

Report Date: 10 Jan-10 11:54 (p 4 of 4)
Test Code: 02-9502-2257/VCF1209073f

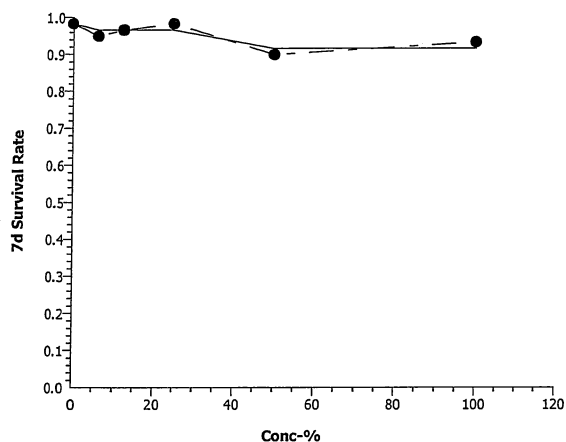
Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 08-2146-3295 Endpoint: 7d Survival Rate
Analyzed: 10 Jan-10 11:49 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 10 Jan-10 11:54 (p 1 of 2)
Test Code: 02-9502-2257/VCF1209073f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Batch ID: 13-4556-6760
Start Date: 08 Dec-09 14:54
Ending Date: 15 Dec-09 14:54
Duration: 7d 0h
Test Type: Growth-Survival (7d)
Protocol: EPA/821/R-02-013 (2002)
Species: Pimephales promelas
Source: Aquatic Biosystems, CO

Analyst:
Diluent: Laboratory Water
Brine: Not Applicable
Age: <24H

Sample ID: 07-5888-2482
Sample Date: 07 Dec-09 13:45
Receive Date: 07 Dec-09 18:30
Sample Age: 25h (3.3 °C)
Code: VCF1209073f
Material: Sample Water
Source: Bioassay Report
Station: MO-Ojai-1

Client: VCWPD
Project: NPDES Stormwater Monitoring Progra

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 8 | 61 | 61 | 61 | 61 | 61 | 0 | 0 | 0.0% | 0 |
| 100 | | 8 | 31 | 31 | 31 | 31 | 31 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 46 | | | 31 | 61 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 354.8 | 351.4 | 358.1 | 339 | 368 | 1.628 | 9.765 | 2.75% | 0 |
| 6.25 | | 8 | 335.1 | 329.5 | 340.7 | 313 | 355 | 2.757 | 16.54 | 4.94% | 0 |
| 12.5 | | 8 | 318.9 | 313.4 | 324.3 | 302 | 347 | 2.678 | 16.07 | 5.04% | 0 |
| 25 | | 8 | 308.8 | 301.6 | 315.9 | 278 | 344 | 3.524 | 21.14 | 6.85% | 0 |
| 50 | | 8 | 278 | 266.9 | 289.1 | 223 | 299 | 5.474 | 32.84 | 11.81% | 0 |
| 100 | | 8 | 126 | 121 | 131 | 109 | 148 | 2.462 | 14.77 | 11.73% | 0 |
| Overall | | 48 | 286.9 | | | 109 | 368 | | | | 0 (0%) |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 7.175 | 6.856 | 7.494 | 5.7 | 8 | 0.1573 | 0.9438 | 13.15% | 0 |
| 6.25 | | 8 | 6.863 | 6.531 | 7.194 | 5.7 | 7.8 | 0.1635 | 0.9812 | 14.3% | 0 |
| 12.5 | | 8 | 6.95 | 6.661 | 7.239 | 5.5 | 7.7 | 0.1425 | 0.8552 | 12.31% | 0 |
| 25 | | 8 | 7.063 | 6.804 | 7.321 | 5.5 | 7.7 | 0.1272 | 0.7633 | 10.81% | 0 |
| 50 | | 8 | 6.95 | 6.704 | 7.196 | 5.6 | 7.7 | 0.1212 | 0.727 | 10.46% | 0 |
| 100 | | 8 | 6.8 | 6.513 | 7.087 | 5.5 | 7.7 | 0.1414 | 0.8485 | 12.48% | 0 |
| Overall | | 48 | 6.967 | | | 5.5 | 8 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 95.25 | 94.2 | 96.3 | 93 | 99 | 0.5175 | 3.105 | 3.26% | 0 |
| 100 | | 8 | 44 | 44 | 44 | 44 | 44 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 69.63 | | | 44 | 99 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 8.138 | 8.078 | 8.197 | 7.9 | 8.3 | 0.02946 | 0.1768 | 2.17% | 0 |
| 6.25 | | 8 | 7.938 | 7.88 | 7.995 | 7.6 | 8.1 | 0.02808 | 0.1685 | 2.12% | 0 |
| 12.5 | | 8 | 7.9 | 7.846 | 7.954 | 7.6 | 8.1 | 0.02673 | 0.1604 | 2.03% | 0 |
| 25 | | 8 | 7.863 | 7.818 | 7.907 | 7.6 | 8 | 0.02171 | 0.1302 | 1.66% | 0 |
| 50 | | 8 | 7.838 | 7.797 | 7.878 | 7.6 | 8 | 0.0198 | 0.1188 | 1.52% | 0 |
| 100 | | 8 | 7.863 | 7.827 | 7.898 | 7.7 | 8 | 0.01768 | 0.1061 | 1.35% | 0 |
| Overall | | 48 | 7.923 | | | 7.6 | 8.3 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 10 Jan-10 11:54 (p 2 of 2)

Test Code: 02-9502-2257/VCF1209073f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|------|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 24.18 | 24.09 | 24.26 | 24 | 24.8 | 0.04341 | 0.2605 | 1.08% | 0 |
| 6.25 | | 8 | 24.33 | 24.26 | 24.39 | 24 | 24.5 | 0.03421 | 0.2053 | 0.84% | 0 |
| 12.5 | | 8 | 24.23 | 24.14 | 24.31 | 24 | 24.7 | 0.04058 | 0.2435 | 1.01% | 0 |
| 25 | | 8 | 24.31 | 24.22 | 24.4 | 24 | 24.7 | 0.04403 | 0.2642 | 1.09% | 0 |
| 50 | | 8 | 24.35 | 24.24 | 24.46 | 24 | 24.9 | 0.05564 | 0.3338 | 1.37% | 0 |
| 100 | | 8 | 24.51 | 24.28 | 24.75 | 24 | 26 | 0.116 | 0.6958 | 2.84% | 0 |
| Overall | | 48 | 24.32 | | | 24 | 26 | | | | 0 (0%) |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 |
| 100 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 339 | 358 | 355 | 345 | 350 | 358 | 368 | 365 |
| 6.25 | | 313 | 326 | 318 | 329 | 335 | 350 | 355 | 355 |
| 12.5 | | 302 | 311 | 305 | 308 | 315 | 328 | 335 | 347 |
| 25 | | 278 | 284 | 304 | 344 | 310 | 310 | 315 | 325 |
| 50 | | 223 | 229 | 279 | 299 | 298 | 299 | 298 | 299 |
| 100 | | 110 | 109 | 110 | 129 | 129 | 135 | 138 | 148 |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 7.8 | 8 | 7 | 7.3 | 5.7 | 7.9 | 7.9 | 5.8 |
| 6.25 | | 7.7 | 6 | 5.7 | 6.5 | 7.7 | 7.8 | 7.8 | 5.7 |
| 12.5 | | 7.7 | 6.6 | 6.1 | 6.7 | 7.6 | 7.7 | 7.7 | 5.5 |
| 25 | | 7.7 | 6.9 | 6.8 | 6.7 | 7.5 | 7.7 | 7.7 | 5.5 |
| 50 | | 7.7 | 6.8 | 6.3 | 6.8 | 7.3 | 7.5 | 7.6 | 5.6 |
| 100 | | 7.7 | 6.3 | 5.8 | 6.8 | 7.2 | 7.5 | 7.6 | 5.5 |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 99 | 99 | 99 | 93 | 93 | 93 | 93 | 93 |
| 100 | | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 8.3 | 7.9 | 7.9 | 8.3 | 8.3 | 8.2 | 8.2 | 8 |
| 6.25 | | 7.9 | 7.8 | 7.6 | 8 | 8 | 8.1 | 8.1 | 8 |
| 12.5 | | 7.8 | 7.8 | 7.6 | 7.9 | 8 | 8 | 8.1 | 8 |
| 25 | | 7.8 | 7.8 | 7.6 | 7.9 | 8 | 7.9 | 8 | 7.9 |
| 50 | | 7.8 | 7.8 | 7.6 | 7.9 | 8 | 7.9 | 7.8 | 7.9 |
| 100 | | 7.9 | 7.7 | 7.7 | 7.9 | 8 | 7.9 | 7.9 | 7.9 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|------|------|------|------|------|------|------|------|
| 0 | Negative Contr | 24.2 | 24.1 | 24 | 24.8 | 24 | 24.1 | 24.1 | 24.1 |
| 6.25 | | 24.2 | 24.1 | 24.5 | 24.3 | 24.5 | 24.5 | 24 | 24.5 |
| 12.5 | | 24.2 | 24 | 24.5 | 24.7 | 24.1 | 24.1 | 24.1 | 24.1 |
| 25 | | 24.4 | 24 | 24.7 | 24.7 | 24.2 | 24.2 | 24.2 | 24.1 |
| 50 | | 24.4 | 24 | 24.9 | 24.8 | 24.1 | 24.3 | 24.2 | 24.1 |
| 100 | | 24.9 | 24 | 26 | 24.8 | 24.1 | 24.1 | 24.1 | 24.1 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

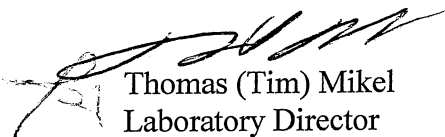
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms EPA-821-R-02-013*. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | MO-MOaks-1 |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.074 |

CHRONIC SELENASTRUM ALGAE GROWTH BIOASSAY

| | |
|--------------------|-----------|
| NOEC = | 100.00 % |
| TU _c = | 1.00 |
| IC ₂₅ = | >100.00 % |
| IC ₅₀ = | >100.00 % |

Yours very truly,



Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 11 Jan-10 09:25 (p 1 of 2)
Test Code: 14-7395-2328/VCF1209074s

| Selenastrum Growth Test | | | Aquatic Bioassay & Consulting Labs, Inc. | | |
|-------------------------|-----------------|------------|--|-------------------|------------------------------------|
| Analysis ID: | 20-8729-5327 | Endpoint: | Cell Density | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 11 Jan-10 9:25 | Analysis: | Parametric-Control vs Treatments | Official Results: | Yes |
| Batch ID: | 09-2880-3923 | Test Type: | Cell Growth | Analyst: | |
| Start Date: | 08 Dec-09 20:32 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 12 Dec-09 20:32 | Species: | Selenastrum capricornutum | Brine: | Not Applicable |
| Duration: | 96h | Source: | Aquatic Biosystems, CO | Age: | |
| Sample ID: | 11-0679-5753 | Code: | VCF1209074s | Client: | VCWPD |
| Sample Date: | 07 Dec-09 14:15 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 30h (3.3 °C) | Station: | MO-MOaks-1 | | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|------|----|--------|
| Untransformed | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 11.01% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|--------|---------|------------------------|
| Negative Control | | 6.25* | 5.545 | 2.407 | 119400 | <0.0001 | Significant Effect |
| | | 12.5* | 4.476 | 2.407 | 119400 | 0.0007 | Significant Effect |
| | | 25 | -7.621 | 2.407 | 119400 | 1.0000 | Non-Significant Effect |
| | | 50 | -5.948 | 2.407 | 119400 | 1.0000 | Non-Significant Effect |
| | | 100 | -4.118 | 2.407 | 119400 | 1.0000 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|--------------|---------|----------------------|
| Control CV | 0.07074 | NL - 0.2 | Yes | Result Within Limits |
| Control Resp | 1.08E+6 | 1.00E+6 - NL | Yes | Result Within Limits |
| PMSD | 0.1101 | 0.091 - 0.29 | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 1.732 | 2.802 | 1.0000 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|--------------|--------------|----|--------|---------|--------------------|
| Between | 1.489751E+12 | 2.979502E+11 | 5 | 60.56 | <0.0001 | Significant Effect |
| Error | 88558750000 | 4919930000 | 18 | | | |
| Total | 1.57831E+12 | 3.028701E+11 | 23 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 3.585 | 15.09 | 0.6105 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 1.307 | 4.248 | 0.3050 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9635 | | 0.5116 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.08943 | 0.2056 | 1.0000 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.1731 | 2.576 | 0.8626 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 1.451 | 2.576 | 0.1467 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 2.136 | 9.21 | 0.3436 | Normal Distribution |

Cell Density Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|----------|----------|----------|----------|----------|----------|----------|-------|---------|
| 0 | Negative Control | 4 | 1.084E+6 | 1.055E+6 | 1.113E+6 | 1.002E+6 | 1.169E+6 | 1.424E+4 | 7.670E+4 | 7.07% | 0.0% |
| 6.25 | | 4 | 8.093E+5 | 7.983E+5 | 8.202E+5 | 7.700E+5 | 8.330E+5 | 5.325E+3 | 2.868E+4 | 3.54% | 25.36% |
| 12.5 | | 4 | 8.623E+5 | 8.431E+5 | 8.814E+5 | 8.110E+5 | 9.210E+5 | 9.358E+3 | 5.039E+4 | 5.84% | 20.47% |
| 25 | | 4 | 1.462E+6 | 1.429E+6 | 1.496E+6 | 1.388E+6 | 1.566E+6 | 1.646E+4 | 8.861E+4 | 6.06% | -34.86% |
| 50 | | 4 | 1.379E+6 | 1.351E+6 | 1.408E+6 | 1.281E+6 | 1.453E+6 | 1.381E+4 | 7.437E+4 | 5.39% | -27.21% |
| 100 | | 4 | 1.289E+6 | 1.257E+6 | 1.320E+6 | 1.196E+6 | 1.396E+6 | 1.542E+4 | 8.302E+4 | 6.44% | -18.84% |

CETIS Analytical Report

Report Date: 11 Jan-10 09:25 (p 2 of 2)
 Test Code: 14-7395-2328/VCF1209074s

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

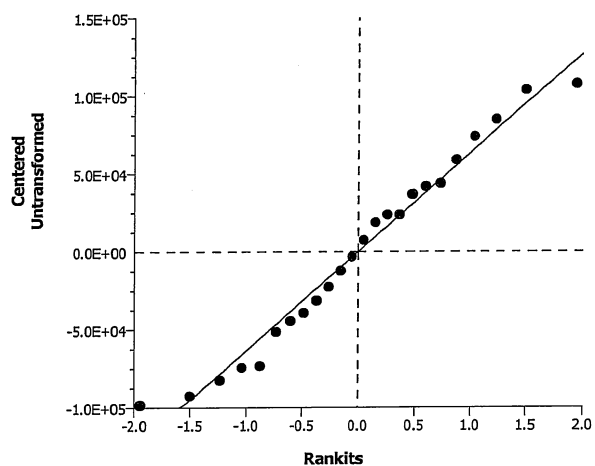
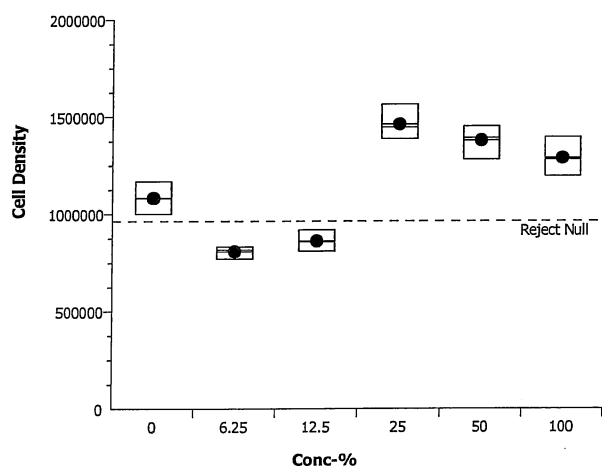
Analysis ID: 20-8729-5327 Endpoint: Cell Density
 Analyzed: 11 Jan-10 9:25 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
 Official Results: Yes

Cell Density Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|----------|----------|----------|----------|
| 0 | Negative Control | 1.040E+6 | 1.169E+6 | 1.002E+6 | 1.126E+6 |
| 6.25 | | 8.280E+5 | 8.060E+5 | 8.330E+5 | 7.700E+5 |
| 12.5 | | 9.210E+5 | 8.860E+5 | 8.310E+5 | 8.110E+5 |
| 25 | | 1.566E+6 | 1.388E+6 | 1.506E+6 | 1.389E+6 |
| 50 | | 1.453E+6 | 1.416E+6 | 1.367E+6 | 1.281E+6 |
| 100 | | 1.296E+6 | 1.266E+6 | 1.396E+6 | 1.196E+6 |

Graphics



CETIS Analytical Report

Report Date: 11 Jan-10 09:25 (p 1 of 2)
Test Code: 14-7395-2328/VCF1209074s

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|---|
| Analysis ID: 06-2384-3948 | Endpoint: Cell Density | CETIS Version: CETISv1.7.0 |
| Analyzed: 11 Jan-10 9:25 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 09-2880-3923 | Test Type: Cell Growth | Analyst: |
| Start Date: 08 Dec-09 20:32 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 12 Dec-09 20:32 | Species: Selenastrum capricornutum | Brine: Not Applicable |
| Duration: 96h | Source: Aquatic Biosystems, CO | Age: |
| Sample ID: 11-0679-5753 | Code: VCF1209074s | Client: VCWPD |
| Sample Date: 07 Dec-09 14:15 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 30h (3.3 °C) | Station: MO-MOaks-1 | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|--------|-----------|------------|-------------------------|
| Linear | Linear | 562369 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|--------------|---------|----------------------|
| Control CV | 0.07074 | NL - 0.2 | Yes | Result Within Limits |
| Control Resp | 1.08E+6 | 1.00E+6 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 1.732 | 2.802 | 1.0000 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|------|---------|---------|----|---------|---------|
| IC5 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Cell Density Summary

Calculated Variate

| Conc.-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
|---------|------------------|-------|----------|----------|----------|----------|----------|-------|---------|
| 0 | Negative Control | 4 | 1.084E+6 | 1.002E+6 | 1.169E+6 | 1.400E+4 | 7.670E+4 | 7.07% | 0.0% |
| 6.25 | | 4 | 8.093E+5 | 7.700E+5 | 8.330E+5 | 5.235E+3 | 2.868E+4 | 3.54% | 25.36% |
| 12.5 | | 4 | 8.623E+5 | 8.110E+5 | 9.210E+5 | 9.201E+3 | 5.039E+4 | 5.84% | 20.47% |
| 25 | | 4 | 1.462E+6 | 1.388E+6 | 1.566E+6 | 1.618E+4 | 8.861E+4 | 6.06% | -34.86% |
| 50 | | 4 | 1.379E+6 | 1.281E+6 | 1.453E+6 | 1.358E+4 | 7.437E+4 | 5.39% | -27.21% |
| 100 | | 4 | 1.289E+6 | 1.196E+6 | 1.396E+6 | 1.516E+4 | 8.302E+4 | 6.44% | -18.84% |

Cell Density Detail

| Conc.-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|---------|------------------|----------|----------|----------|----------|
| 0 | Negative Control | 1.040E+6 | 1.169E+6 | 1.002E+6 | 1.126E+6 |
| 6.25 | | 8.280E+5 | 8.060E+5 | 8.330E+5 | 7.700E+5 |
| 12.5 | | 9.210E+5 | 8.860E+5 | 8.310E+5 | 8.110E+5 |
| 25 | | 1.566E+6 | 1.388E+6 | 1.506E+6 | 1.389E+6 |
| 50 | | 1.453E+6 | 1.416E+6 | 1.367E+6 | 1.281E+6 |
| 100 | | 1.296E+6 | 1.266E+6 | 1.396E+6 | 1.196E+6 |

CETIS Analytical Report

Report Date: 11 Jan-10 09:25 (p 2 of 2)
Test Code: 14-7395-2328/VCF1209074s

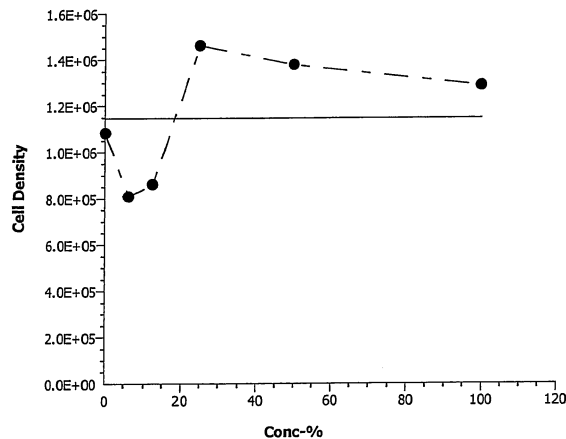
Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 06-2384-3948 Endpoint: Cell Density
Analyzed: 11 Jan-10 9:25 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 11 Jan-10 09:25 (p 1 of 2)

Test Code: 14-7395-2328/VCF1209074s

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|---------------------------|----------|------------------------------------|
| Batch ID: | 09-2880-3923 | Test Type: | Cell Growth | Analyst: | |
| Start Date: | 08 Dec-09 20:32 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 12 Dec-09 20:32 | Species: | Selenastrum capricornutum | Brine: | Not Applicable |
| Duration: | 96h | Source: | Aquatic Biosystems, CO | Age: | |
| Sample ID: | 11-0679-5753 | Code: | VCF1209074s | Client: | VCWPD |
| Sample Date: | 07 Dec-09 14:15 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 30h (3.3 °C) | Station: | MO-MOaks-1 | | |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 1 | 67 | | | 67 | 67 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 1 | 45 | | | 45 | 45 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 1 | 50 | | | 50 | 50 | 0 | 0 | 0.0% | 0 |
| 25 | | 1 | 50 | | | 50 | 50 | 0 | 0 | 0.0% | 0 |
| 50 | | 1 | 47 | | | 47 | 47 | 0 | 0 | 0.0% | 0 |
| 100 | | 1 | 46 | | | 46 | 46 | 0 | 0 | 0.0% | 0 |
| Overall | | 6 | 50.83 | | | 45 | 67 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 5 | 507.4 | 503.8 | 511 | 493 | 520 | 1.797 | 10.78 | 2.13% | 0 |
| 6.25 | | 5 | 551.2 | 472.1 | 630.3 | 419 | 968 | 38.97 | 233.8 | 42.43% | 0 |
| 12.5 | | 5 | 412.2 | 408.9 | 415.5 | 395 | 419 | 1.622 | 9.731 | 2.36% | 0 |
| 25 | | 5 | 396.4 | 392.1 | 400.7 | 384 | 416 | 2.097 | 12.58 | 3.17% | 0 |
| 50 | | 5 | 336.2 | 331.8 | 340.6 | 325 | 356 | 2.145 | 12.87 | 3.83% | 0 |
| 100 | | 5 | 227.8 | 225.4 | 230.2 | 216 | 235 | 1.187 | 7.12 | 3.13% | 0 |
| Overall | | 30 | 405.2 | | | 216 | 968 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 1 | 98 | | | 98 | 98 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 1 | 75 | | | 75 | 75 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 1 | 83 | | | 83 | 83 | 0 | 0 | 0.0% | 0 |
| 25 | | 1 | 82 | | | 82 | 82 | 0 | 0 | 0.0% | 0 |
| 50 | | 1 | 95 | | | 95 | 95 | 0 | 0 | 0.0% | 0 |
| 100 | | 1 | 82 | | | 82 | 82 | 0 | 0 | 0.0% | 0 |
| Overall | | 6 | 85.83 | | | 75 | 98 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 5 | 7.96 | 7.866 | 8.054 | 7.7 | 8.3 | 0.04655 | 0.2793 | 3.51% | 0 |
| 6.25 | | 5 | 7.78 | 7.724 | 7.836 | 7.6 | 8 | 0.02739 | 0.1643 | 2.11% | 0 |
| 12.5 | | 5 | 7.76 | 7.699 | 7.821 | 7.6 | 8 | 0.03028 | 0.1817 | 2.34% | 0 |
| 25 | | 5 | 7.76 | 7.709 | 7.811 | 7.6 | 8 | 0.02528 | 0.1517 | 1.95% | 0 |
| 50 | | 5 | 7.74 | 7.701 | 7.779 | 7.6 | 7.9 | 0.019 | 0.114 | 1.47% | 0 |
| 100 | | 5 | 7.68 | 7.652 | 7.708 | 7.6 | 7.8 | 0.01394 | 0.08367 | 1.09% | 0 |
| Overall | | 30 | 7.78 | | | 7.6 | 8.3 | | | | 0 (0%) |

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| 25 | | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| 50 | | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| 100 | | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| Overall | | 30 | 24 | | | 24 | 24 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 11 Jan-10 09:25 (p 2 of 2)

Test Code: 14-7395-2328/VCF1209074s

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Alkalinity (CaCO₃)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|----|---|---|---|---|
| 0 | Negative Contr | 67 | | | | |
| 6.25 | | 45 | | | | |
| 12.5 | | 50 | | | | |
| 25 | | 50 | | | | |
| 50 | | 47 | | | | |
| 100 | | 46 | | | | |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 520 | 493 | 501 | 508 | 515 |
| 6.25 | | 438 | 419 | 470 | 461 | 968 |
| 12.5 | | 416 | 395 | 415 | 416 | 419 |
| 25 | | 416 | 384 | 399 | 396 | 387 |
| 50 | | 356 | 327 | 342 | 331 | 325 |
| 100 | | 229 | 216 | 228 | 231 | 235 |

Hardness (CaCO₃)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|----|---|---|---|---|
| 0 | Negative Contr | 98 | | | | |
| 6.25 | | 75 | | | | |
| 12.5 | | 83 | | | | |
| 25 | | 82 | | | | |
| 50 | | 95 | | | | |
| 100 | | 82 | | | | |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 8.3 | 8.2 | 7.9 | 7.7 | 7.7 |
| 6.25 | | 8 | 7.9 | 7.7 | 7.6 | 7.7 |
| 12.5 | | 8 | 7.9 | 7.6 | 7.6 | 7.7 |
| 25 | | 8 | 7.8 | 7.6 | 7.7 | 7.7 |
| 50 | | 7.9 | 7.8 | 7.6 | 7.7 | 7.7 |
| 100 | | 7.8 | 7.6 | 7.6 | 7.7 | 7.7 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|----|----|----|----|----|
| 0 | Negative Contr | 24 | 24 | 24 | 24 | 24 |
| 6.25 | | 24 | 24 | 24 | 24 | 24 |
| 12.5 | | 24 | 24 | 24 | 24 | 24 |
| 25 | | 24 | 24 | 24 | 24 | 24 |
| 50 | | 24 | 24 | 24 | 24 | 24 |
| 100 | | 24 | 24 | 24 | 24 | 24 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

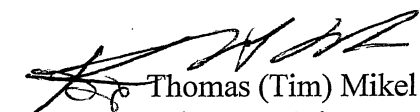
We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms* EPA-821-R-02-013. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | MO-MOaks-1 |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.074 |

CHRONIC CERIODAPHNIA SURVIVAL & REPRODUCTION BIOASSAY

| | | |
|--------------|-------------------|-----------|
| SURVIVAL | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |
| REPRODUCTION | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 10 Jan-10 13:12 (p 1 of 2)
Test Code: 14-9124-8647/VCF1209074c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|---|
| Analysis ID: 17-4197-9476 | Endpoint: Reproduction | CETIS Version: CETISv1.7.0 |
| Analyzed: 10 Jan-10 13:12 | Analysis: Parametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 06-5755-5579 | Test Type: Reproduction-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 14:55 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 15 Dec-09 14:55 | Species: Ceriodaphnia dubia | Brine: Not Applicable |
| Duration: 7d 0h | Source: Aquatic Biosystems, CO | Age: <24H |
| Sample ID: 19-0181-0445 | Code: VCF1209074c | Client: VCWPD |
| Sample Date: 07 Dec-09 14:15 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 25h (3.3 °C) | Station: MO-MOaks-1 | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|------|----|--------|
| Untransformed | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 15.43% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|-------|---------|------------------------|
| Negative Control | | 6.25 | -2.101 | 2.289 | 3.596 | 0.9997 | Non-Significant Effect |
| | | 12.5 | -2.164 | 2.289 | 3.596 | 0.9997 | Non-Significant Effect |
| | | 25 | 0 | 2.289 | 3.596 | 0.8333 | Non-Significant Effect |
| | | 50 | -0.4456 | 2.289 | 3.596 | 0.9329 | Non-Significant Effect |
| | | 100 | 0.7002 | 2.289 | 3.596 | 0.5552 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|-------------|---------|----------------------|
| Control Resp | 23.3 | 15 - NL | Yes | Result Within Limits |
| PMSD | 0.1543 | 0.13 - 0.47 | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 2.886 | 3.2 | 0.1697 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|--------------------|
| Between | 175.35 | 35.07 | 5 | 2.842 | 0.0238 | Significant Effect |
| Error | 666.3 | 12.33889 | 54 | | | |
| Total | 841.65 | 47.40889 | 59 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 14.48 | 15.09 | 0.0128 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 2.884 | 3.377 | 0.0222 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9894 | | 0.8834 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.07373 | 0.1331 | 0.5426 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.1917 | 2.576 | 0.8480 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 1.202 | 2.576 | 0.2292 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 1.482 | 9.21 | 0.4765 | Normal Distribution |

Reproduction Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|------|---------|---------|-----|-----|---------|---------|--------|---------|
| 0 | Negative Control | 10 | 23.3 | 21.26 | 25.34 | 14 | 33 | 0.9983 | 5.376 | 23.07% | 0.0% |
| 6.25 | | 10 | 26.6 | 25.26 | 27.94 | 20 | 31 | 0.6562 | 3.534 | 13.29% | -14.16% |
| 12.5 | | 10 | 26.7 | 25.14 | 28.26 | 21 | 33 | 0.7634 | 4.111 | 15.4% | -14.59% |
| 25 | | 10 | 23.3 | 22.18 | 24.42 | 19 | 28 | 0.547 | 2.946 | 12.64% | 0.0% |
| 50 | | 10 | 24 | 23.31 | 24.69 | 22 | 27 | 0.339 | 1.826 | 7.61% | -3.0% |
| 100 | | 10 | 22.2 | 21.47 | 22.93 | 18 | 25 | 0.3588 | 1.932 | 8.7% | 4.72% |

CETIS Analytical Report

Report Date: 10 Jan-10 13:12 (p 2 of 2)
Test Code: 14-9124-8647/VCF1209074c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

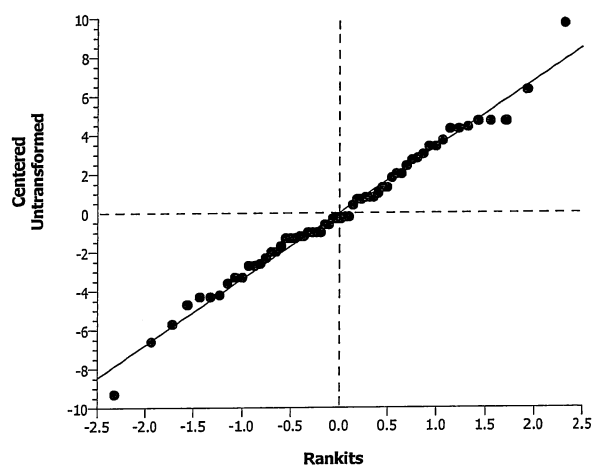
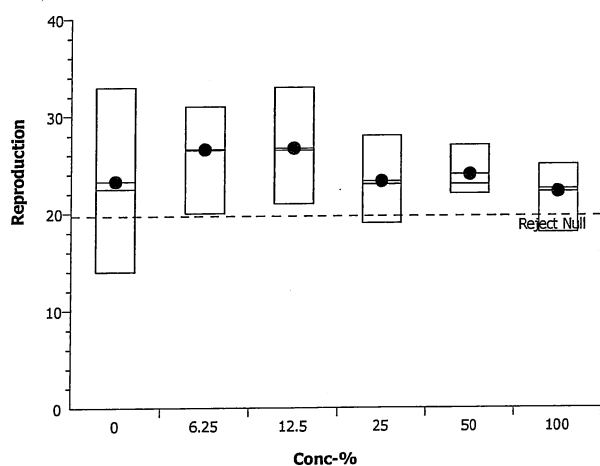
Analysis ID: 17-4197-9476 Endpoint: Reproduction
Analyzed: 10 Jan-10 13:12 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

Reproduction Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 27 | 28 | 33 | 20 | 23 | 21 | 26 | 19 | 22 | 14 |
| 6.25 | | 29 | 24 | 26 | 27 | 20 | 23 | 26 | 31 | 30 | 30 |
| 12.5 | | 31 | 31 | 33 | 28 | 28 | 25 | 24 | 24 | 22 | 21 |
| 25 | | 24 | 28 | 23 | 28 | 22 | 20 | 19 | 23 | 22 | 24 |
| 50 | | 23 | 22 | 22 | 23 | 26 | 27 | 26 | 23 | 23 | 25 |
| 100 | | 23 | 22 | 23 | 21 | 25 | 21 | 22 | 24 | 18 | 23 |

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 13:12 (p 1 of 4)
Test Code: 14-9124-8647/VCF1209074c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|------------------------------|-------------------|------------------------------------|
| Analysis ID: | 14-8696-2550 | Endpoint: | Reproduction | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 10 Jan-10 13:12 | Analysis: | Linear Interpolation (ICPIN) | Official Results: | Yes |
| Batch ID: | 06-5755-5579 | Test Type: | Reproduction-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 14:55 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 15 Dec-09 14:55 | Species: | Ceriodaphnia dubia | Brine: | Not Applicable |
| Duration: | 7d 0h | Source: | Aquatic Biosystems, CO | Age: | <24H |
| Sample ID: | 19-0181-0445 | Code: | VCF1209074c | Client: | VCWPD |
| Sample Date: | 07 Dec-09 14:15 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 25h (3.3 °C) | Station: | MO-MOaks-1 | | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 8626193 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 23.3 | 15 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 2.886 | 3.2 | 0.1697 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|-------|---------|---------|-------|---------|---------|
| IC5 | 20.97 | 11.6 | 78.43 | 4.768 | 1.275 | 8.62 |
| IC10 | 73.1 | 20.17 | N/A | 1.368 | N/A | 4.957 |
| IC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Reproduction Summary

Calculated Variate

| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|------|-----|-----|---------|---------|--------|---------|
| 0 | Negative Control | 10 | 23.3 | 14 | 33 | 0.9815 | 5.376 | 23.07% | 0.0% |
| 6.25 | | 10 | 26.6 | 20 | 31 | 0.6452 | 3.534 | 13.29% | -14.16% |
| 12.5 | | 10 | 26.7 | 21 | 33 | 0.7506 | 4.111 | 15.4% | -14.59% |
| 25 | | 10 | 23.3 | 19 | 28 | 0.5378 | 2.946 | 12.64% | 0.0% |
| 50 | | 10 | 24 | 22 | 27 | 0.3333 | 1.826 | 7.61% | -3.0% |
| 100 | | 10 | 22.2 | 18 | 25 | 0.3528 | 1.932 | 8.7% | 4.72% |

Reproduction Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 27 | 28 | 33 | 20 | 23 | 21 | 26 | 19 | 22 | 14 |
| 6.25 | | 29 | 24 | 26 | 27 | 20 | 23 | 26 | 31 | 30 | 30 |
| 12.5 | | 31 | 31 | 33 | 28 | 28 | 25 | 24 | 24 | 22 | 21 |
| 25 | | 24 | 28 | 23 | 28 | 22 | 20 | 19 | 23 | 22 | 24 |
| 50 | | 23 | 22 | 22 | 23 | 26 | 27 | 26 | 23 | 23 | 25 |
| 100 | | 23 | 22 | 23 | 21 | 25 | 21 | 22 | 24 | 18 | 23 |

CETIS Analytical Report

Report Date: 10 Jan-10 13:12 (p 2 of 4)
Test Code: 14-9124-8647/VCF1209074c

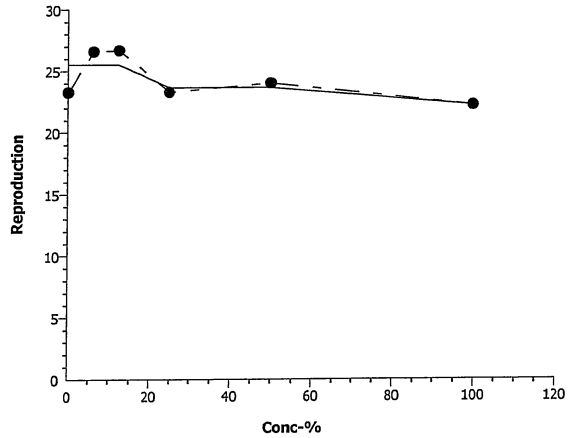
Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 14-8696-2550 Endpoint: Reproduction
Analyzed: 10 Jan-10 13:12 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 13:12 (p 3 of 4)
Test Code: 14-9124-8647/VCF1209074c

| Ceriodaphnia 7-d Survival and Reproduction Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | |
|---|-----------------|------------|------------------------------|--|------------------------------------|
| Analysis ID: | 20-5275-8162 | Endpoint: | 7d Survival Rate | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 10 Jan-10 13:12 | Analysis: | Linear Interpolation (ICPIN) | Official Results: | Yes |
| Batch ID: | 06-5755-5579 | Test Type: | Reproduction-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 14:55 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 15 Dec-09 14:55 | Species: | Ceriodaphnia dubia | Brine: | Not Applicable |
| Duration: | 7d 0h | Source: | Aquatic Biosystems, CO | Age: | <24H |
| Sample ID: | 19-0181-0445 | Code: | VCF1209074c | Client: | VCWPD |
| Sample Date: | 07 Dec-09 14:15 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 25h (3.3 °C) | Station: | MO-MOaks-1 | | |

| Linear Interpolation Options | | | | | |
|------------------------------|-------------|---------|-----------|------------|-------------------------|
| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
| Linear | Linear | 4140327 | 280 | Yes | Two-Point Interpolation |

| Test Acceptability | | | | |
|--------------------|-----------|------------|---------|----------------------|
| Attribute | Test Stat | TAC Limits | Overlap | Decision |
| Control Resp | 1 | 0.8 - NL | Yes | Result Within Limits |

| Point Estimates | | | | | | |
|-----------------|------|---------|---------|----|---------|---------|
| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
| EC5 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC50 | >100 | N/A | N/A | <1 | N/A | N/A |

| 7d Survival Rate Summary | | | Calculated Variate(A/B) | | | | | | | | |
|--------------------------|------------------|-------|-------------------------|-----|-----|---------|---------|------|-------|----|----|
| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | A | B |
| 0 | Negative Control | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |
| 6.25 | | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |
| 12.5 | | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |
| 25 | | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |
| 50 | | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |
| 100 | | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |

| 7d Survival Rate Detail | | | | | | | | | | | |
|-------------------------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
| 0 | Negative Control | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 100 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

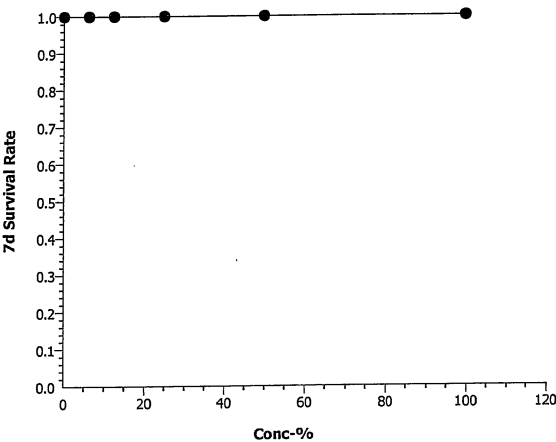
CETIS Analytical Report

Report Date: 10 Jan-10 13:12 (p 4 of 4)
Test Code: 14-9124-8647/VCF1209074c

Ceriodaphnia 7-d Survival and Reproduction Test Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 20-5275-8162 Endpoint: 7d Survival Rate CETIS Version: CETISv1.7.0
Analyzed: 10 Jan-10 13:12 Analysis: Linear Interpolation (ICPIN) Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 13:12 (p 1 of 2)
Test Code: 14-9124-8647/VCF1209074c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|---------------------------------------|---|
| Analysis ID: 10-6189-2024 | Endpoint: 7d Survival Rate | CETIS Version: CETISv1.7.0 |
| Analysed: 10 Jan-10 13:12 | Analysis: STP 2x2 Contingency Tables | Official Results: Yes |
| Batch ID: 06-5755-5579 | Test Type: Reproduction-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 14:55 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 15 Dec-09 14:55 | Species: Ceriodaphnia dubia | Brine: Not Applicable |
| Duration: 7d 0h | Source: Aquatic Biosystems, CO | Age: <24H |
| Sample ID: 19-0181-0445 | Code: VCF1209074c | Client: VCWPD |
| Sample Date: 07 Dec-09 14:15 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 25h (3.3 °C) | Station: MO-MOaks-1 | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|------|----|------|
| Untransformed | | C > T | Not Run | 100 | >100 | N/A | 1 | N/A |

Fisher Exact/Bonferroni-Holm Test

| Control | vs | Conc-% | Test Stat | P-Value | Decision(0.05) |
|------------------|----|--------|-----------|---------|------------------------|
| Negative Control | | 6.25 | 1 | 1.0000 | Non-Significant Effect |
| | | 12.5 | 1 | 1.0000 | Non-Significant Effect |
| | | 25 | 1 | 1.0000 | Non-Significant Effect |
| | | 50 | 1 | 1.0000 | Non-Significant Effect |
| | | 100 | 1 | 1.0000 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 1 | 0.8 - NL | Yes | Result Within Limits |

Data Summary

| Conc-% | Control Type | No-Resp | Resp | Total |
|--------|----------------|---------|------|-------|
| 0 | Negative Contr | 10 | 0 | 10 |
| 6.25 | | 10 | 0 | 10 |
| 12.5 | | 10 | 0 | 10 |
| 25 | | 10 | 0 | 10 |
| 50 | | 10 | 0 | 10 |
| 100 | | 10 | 0 | 10 |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 100 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

CETIS Analytical Report

Report Date: 10 Jan-10 13:12 (p 2 of 2)
Test Code: 14-9124-8647/VCF1209074c

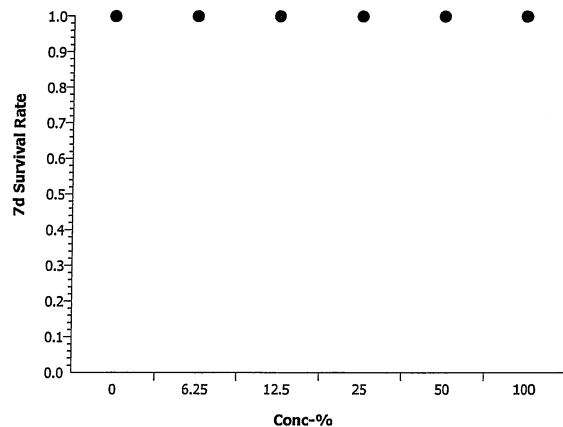
Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 10-6189-2024 Endpoint: 7d Survival Rate
Analyzed: 10 Jan-10 13:12 Analysis: STP 2x2 Contingency Tables

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 10 Jan-10 13:12 (p 1 of 2)
Test Code: 14-9124-8647/CF1209074c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Batch ID: 06-5755-5579 Test Type: Reproduction-Survival (7d)
Start Date: 08 Dec-09 14:55 Protocol: EPA/821/R-02-013 (2002)
Ending Date: 15 Dec-09 14:55 Species: Ceriodaphnia dubia
Duration: 7d 0h Source: Aquatic Biosystems, CO

Analyst:
Diluent: Laboratory Water
Brine: Not Applicable
Age: <24H

Sample ID: 19-0181-0445 Code: VCF1209074c
Sample Date: 07 Dec-09 14:15 Material: Sample Water
Receive Date: 07 Dec-09 18:30 Source: Bioassay Report
Sample Age: 25h (3.3 °C) Station: MO-MOaks-1

Client: VCWPD
Project: NPDES Stormwater Monitoring Progra

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 8 | 61 | 61 | 61 | 61 | 61 | 0 | 0 | 0.0% | 0 |
| 100 | | 8 | 44 | 44 | 44 | 44 | 44 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 52.5 | | | 44 | 61 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 353.1 | 350.3 | 355.9 | 339 | 365 | 1.367 | 8.202 | 2.32% | 0 |
| 6.25 | | 8 | 328.9 | 324.3 | 333.4 | 310 | 349 | 2.247 | 13.48 | 4.1% | 0 |
| 12.5 | | 8 | 315.6 | 312.1 | 319.1 | 304 | 335 | 1.713 | 10.28 | 3.26% | 0 |
| 25 | | 8 | 287.4 | 286.4 | 288.4 | 282 | 293 | 0.4955 | 2.973 | 1.04% | 0 |
| 50 | | 8 | 244.3 | 241.8 | 246.7 | 234 | 255 | 1.188 | 7.126 | 2.92% | 0 |
| 100 | | 8 | 142 | 138.8 | 145.2 | 133 | 158 | 1.558 | 9.35 | 6.59% | 0 |
| Overall | | 48 | 278.5 | | | 133 | 365 | | | | 0 (0%) |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 7.313 | 7.068 | 7.557 | 5.8 | 7.9 | 0.1203 | 0.722 | 9.87% | 0 |
| 6.25 | | 8 | 6.913 | 6.621 | 7.204 | 5.7 | 7.9 | 0.1438 | 0.8626 | 12.48% | 0 |
| 12.5 | | 8 | 6.925 | 6.648 | 7.202 | 5.6 | 7.8 | 0.1365 | 0.819 | 11.83% | 0 |
| 25 | | 8 | 6.988 | 6.736 | 7.239 | 5.7 | 7.8 | 0.1239 | 0.7434 | 10.64% | 0 |
| 50 | | 8 | 6.888 | 6.62 | 7.155 | 5.7 | 7.8 | 0.132 | 0.7918 | 11.5% | 0 |
| 100 | | 8 | 6.538 | 6.264 | 6.811 | 5.7 | 7.7 | 0.1345 | 0.807 | 12.34% | 0 |
| Overall | | 48 | 6.927 | | | 5.6 | 7.9 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 95.25 | 94.2 | 96.3 | 93 | 99 | 0.5175 | 3.105 | 3.26% | 0 |
| 100 | | 8 | 90 | 90 | 90 | 90 | 90 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 92.63 | | | 90 | 99 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 8.138 | 8.078 | 8.197 | 7.9 | 8.3 | 0.02946 | 0.1768 | 2.17% | 0 |
| 6.25 | | 8 | 7.925 | 7.858 | 7.992 | 7.6 | 8.2 | 0.03303 | 0.1982 | 2.5% | 0 |
| 12.5 | | 8 | 7.888 | 7.832 | 7.943 | 7.6 | 8.1 | 0.02737 | 0.1642 | 2.08% | 0 |
| 25 | | 8 | 7.8 | 7.764 | 7.836 | 7.6 | 7.9 | 0.01782 | 0.1069 | 1.37% | 0 |
| 50 | | 8 | 7.813 | 7.774 | 7.851 | 7.6 | 7.9 | 0.01877 | 0.1126 | 1.44% | 0 |
| 100 | | 8 | 7.8 | 7.756 | 7.844 | 7.6 | 7.9 | 0.02182 | 0.1309 | 1.68% | 0 |
| Overall | | 48 | 7.894 | | | 7.6 | 8.3 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 10 Jan-10 13:12 (p 2 of 2)
Test Code: 14-9124-8647/VCF1209074c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|------|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 24.18 | 24.09 | 24.26 | 24 | 24.8 | 0.04341 | 0.2605 | 1.08% | 0 |
| 6.25 | | 8 | 24.2 | 24.12 | 24.28 | 24 | 24.8 | 0.04178 | 0.2507 | 1.04% | 0 |
| 12.5 | | 8 | 24.23 | 24.14 | 24.31 | 24 | 24.8 | 0.04154 | 0.2493 | 1.03% | 0 |
| 25 | | 8 | 24.3 | 24.21 | 24.39 | 24 | 24.8 | 0.04629 | 0.2777 | 1.14% | 0 |
| 50 | | 8 | 24.24 | 24.12 | 24.35 | 24 | 25 | 0.0563 | 0.3378 | 1.39% | 0 |
| 100 | | 8 | 24.28 | 24.19 | 24.36 | 24 | 24.8 | 0.04249 | 0.2549 | 1.05% | 0 |
| Overall | | 48 | 24.24 | | | 24 | 25 | | | | 0 (0%) |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 |
| 100 | | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 339 | 358 | 355 | 345 | 350 | 355 | 358 | 365 |
| 6.25 | | 310 | 327 | 320 | 321 | 328 | 328 | 348 | 349 |
| 12.5 | | 306 | 317 | 304 | 309 | 314 | 315 | 325 | 335 |
| 25 | | 282 | 293 | 287 | 288 | 288 | 287 | 287 | 287 |
| 50 | | 234 | 243 | 238 | 239 | 245 | 250 | 250 | 255 |
| 100 | | 133 | 134 | 136 | 133 | 145 | 148 | 149 | 158 |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 7.8 | 7 | 7 | 7.3 | 7.8 | 7.9 | 7.9 | 5.8 |
| 6.25 | | 7.7 | 6.9 | 6.1 | 6.1 | 7.1 | 7.8 | 7.9 | 5.7 |
| 12.5 | | 7.7 | 7 | 6.6 | 6 | 7 | 7.7 | 7.8 | 5.6 |
| 25 | | 7.8 | 7 | 6.8 | 6.3 | 6.9 | 7.6 | 7.8 | 5.7 |
| 50 | | 7.8 | 6.9 | 6 | 6.5 | 6.9 | 7.5 | 7.8 | 5.7 |
| 100 | | 7.7 | 6.4 | 5.7 | 6.7 | 6.9 | 7.5 | 5.7 | 5.7 |

Hardness (CaCO3)-mg/L

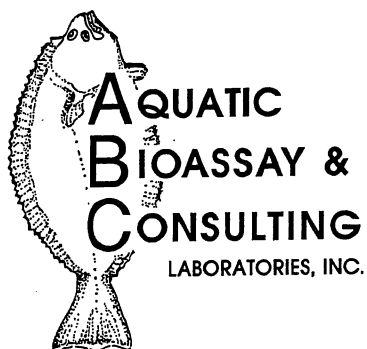
| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 99 | 99 | 99 | 93 | 93 | 93 | 93 | 93 |
| 100 | | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 8.3 | 7.9 | 7.9 | 8.3 | 8.3 | 8.2 | 8.2 | 8 |
| 6.25 | | 7.9 | 7.6 | 7.7 | 7.9 | 8 | 8.2 | 8.1 | 8 |
| 12.5 | | 7.9 | 7.7 | 7.6 | 7.9 | 8 | 8.1 | 8 | 7.9 |
| 25 | | 7.8 | 7.7 | 7.6 | 7.9 | 7.8 | 7.8 | 7.9 | 7.9 |
| 50 | | 7.8 | 7.7 | 7.6 | 7.8 | 7.9 | 7.9 | 7.9 | 7.9 |
| 100 | | 7.8 | 7.6 | 7.6 | 7.8 | 7.9 | 7.9 | 7.9 | 7.9 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|------|----|------|------|------|------|------|------|
| 0 | Negative Contr | 24.2 | 24 | 24 | 24.8 | 24.1 | 24.1 | 24.1 | 24.1 |
| 6.25 | | 24.2 | 24 | 24.1 | 24.8 | 24.1 | 24.2 | 24.1 | 24.1 |
| 12.5 | | 24.2 | 24 | 24.3 | 24.8 | 24.1 | 24.1 | 24.1 | 24.2 |
| 25 | | 24.4 | 24 | 24.6 | 24.8 | 24.1 | 24.1 | 24.2 | 24.2 |
| 50 | | 24.4 | 24 | 25 | 24 | 24 | 24.2 | 24.1 | 24.2 |
| 100 | | 24.5 | 24 | 24.2 | 24.8 | 24.2 | 24.2 | 24.1 | 24.2 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms* EPA-821-R-02-013. Results were as follows:

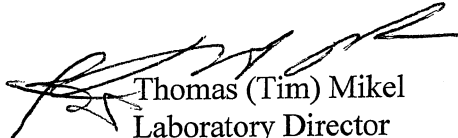
| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | MO-MOaks-1 |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.074 |

CHRONIC FATHEAD SURVIVAL & GROWTH BIOASSAY

| | | |
|----------|-------------------|-----------|
| SURVIVAL | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

| | | |
|--------------|-------------------|-----------|
| REPRODUCTION | NOEC = | 50.00 % |
| | TU _c = | 2.00 |
| | IC25 = | >100.00 % |
| | IC50 = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 10 Jan-10 12:16 (p 1 of 4)
Test Code: 06-2027-5952/VCF1209074f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|---|---|
| Analysis ID: 10-7522-1645 | Endpoint: Mean Dry Biomass-mg | CETIS Version: CETISv1.7.0 |
| Analyzed: 10 Jan-10 12:16 | Analysis: Nonparametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 16-3564-8887 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 14:55 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 15 Dec-09 14:55 | Species: Pimephales promelas | Brine: Not Applicable |
| Duration: 7d 0h | Source: Aquatic Biosystems, CO | Age: <24H |
| Sample ID: 21-1905-3603 | Code: VCF1209074f | Client: VCWPD |
| Sample Date: 07 Dec-09 14:15 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 25h (3.3 °C) | Station: MO-MOaks-1 | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|-------|----|--------|
| Untransformed | 0 | C > T | Not Run | 50 | 100 | 70.71 | 2 | 25.82% |

Steel Many-One Rank Test

| Control | vs | Conc-% | Test Stat | Critical | Ties | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|------|---------|------------------------|
| Negative Control | | 6.25 | 12 | 10 | 0 | 0.1424 | Non-Significant Effect |
| | | 12.5 | 16 | 10 | 0 | 0.6105 | Non-Significant Effect |
| | | 25 | 13 | 10 | 0 | 0.2311 | Non-Significant Effect |
| | | 50 | 13 | 10 | 0 | 0.2311 | Non-Significant Effect |
| | | 100* | 10 | 10 | 0 | 0.0417 | Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.2913 | 0.25 - NL | Yes | Result Within Limits |
| PMSD | 0.2582 | 0.12 - 0.3 | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|------------------|
| Extreme Value | Grubbs Single Outlier | 3.384 | 2.802 | 0.0017 | Outlier Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|------------------------|
| Between | 0.008440244 | 0.001688049 | 5 | 0.8641 | 0.5239 | Non-Significant Effect |
| Error | 0.03516433 | 0.001953574 | 18 | | | |
| Total | 0.04360457 | 0.003641622 | 23 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|-------------------------|
| Variances | Bartlett Equality of Variance | 14.94 | 15.09 | 0.0106 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 0.7074 | 4.248 | 0.6255 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.8603 | | 0.0034 | Non-normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.2063 | 0.2056 | 0.0096 | Non-normal Distribution |
| Distribution | D'Agostino Skewness | 3.067 | 2.576 | 0.0022 | Non-normal Distribution |
| Distribution | D'Agostino Kurtosis | 2.91 | 2.576 | 0.0036 | Non-normal Distribution |
| Distribution | D'Agostino Omnibus | 17.87 | 9.21 | 0.0001 | Non-normal Distribution |

Mean Dry Biomass-mg Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|---------|---------|--------|--------|----------|---------|--------|--------|
| 0 | Negative Control | 4 | 0.2913 | 0.2818 | 0.3009 | 0.2713 | 0.328 | 0.004675 | 0.02518 | 8.64% | 0.0% |
| 6.25 | | 4 | 0.2673 | 0.2632 | 0.2715 | 0.2547 | 0.2813 | 0.002037 | 0.01097 | 4.1% | 8.24% |
| 12.5 | | 4 | 0.2377 | 0.2039 | 0.2714 | 0.1053 | 0.2887 | 0.01646 | 0.08866 | 37.31% | 18.42% |
| 25 | | 4 | 0.2647 | 0.2472 | 0.2821 | 0.2067 | 0.3187 | 0.008507 | 0.04581 | 17.31% | 9.15% |
| 50 | | 4 | 0.2613 | 0.2505 | 0.2722 | 0.222 | 0.29 | 0.005289 | 0.02848 | 10.9% | 10.3% |
| 100 | | 4 | 0.2365 | 0.2312 | 0.2418 | 0.224 | 0.256 | 0.002599 | 0.014 | 5.92% | 18.82% |

CETIS Analytical Report

Report Date: 10 Jan-10 12:16 (p 2 of 4)
 Test Code: 06-2027-5952/VCF1209074f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

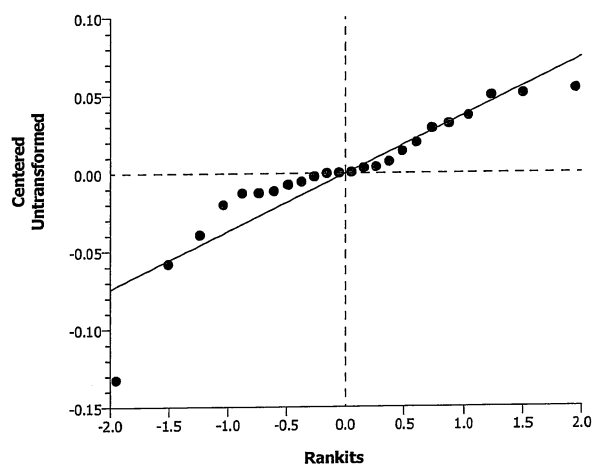
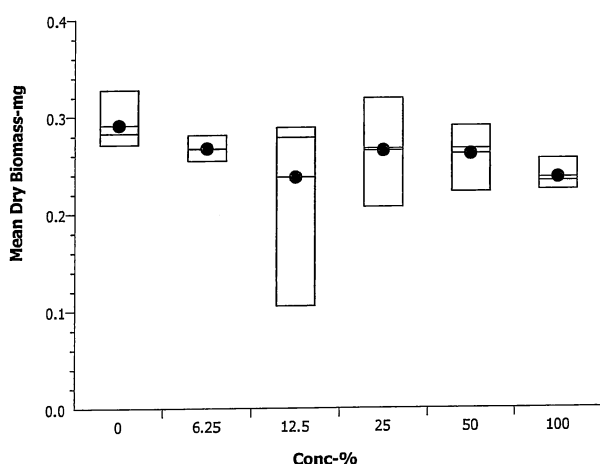
Analysis ID: 10-7522-1645 Endpoint: Mean Dry Biomass-mg
 Analyzed: 10 Jan-10 12:16 Analysis: Nonparametric-Control vs Treatments

CETIS Version: CETISv1.7.0
 Official Results: Yes

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 0.286 | 0.328 | 0.2713 | 0.28 |
| 6.25 | | 0.2547 | 0.2653 | 0.268 | 0.2813 |
| 12.5 | | 0.2693 | 0.2873 | 0.2887 | 0.1053 |
| 25 | | 0.3187 | 0.2687 | 0.2067 | 0.2647 |
| 50 | | 0.29 | 0.222 | 0.2687 | 0.2647 |
| 100 | | 0.224 | 0.2293 | 0.2367 | 0.256 |

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 12:16 (p 3 of 4)
Test Code: 06-2027-5952/VCF1209074f

Fathead Minnow 7-d Larval Survival and Growth Test Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|---------------------------|---|----------------------------|
| Analysis ID: 21-2080-8324 | Endpoint: 7d Survival Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 10 Jan-10 12:14 | Analysis: Nonparametric-Control vs Treatments | Official Results: Yes |

| | | |
|------------------------------|-----------------------------------|---------------------------|
| Batch ID: 16-3564-8887 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 14:55 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 15 Dec-09 14:55 | Species: Pimephales promelas | Brine: Not Applicable |
| Duration: 7d 0h | Source: Aquatic Biosystems, CO | Age: <24H |

| | | |
|-------------------------------|-------------------------|---|
| Sample ID: 21-1905-3603 | Code: VCF1209074f | Client: VCWPD |
| Sample Date: 07 Dec-09 14:15 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 25h (3.3 °C) | Station: MO-MOaks-1 | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|---------------------|------|---------|-------------|------|------|------|----|-------|
| Angular (Corrected) | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 8.33% |

Steel Many-One Rank Test

| Control | vs | Conc-% | Test Stat | Critical | Ties | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|------|---------|------------------------|
| Negative Control | | 6.25 | 18 | 10 | 2 | 0.8333 | Non-Significant Effect |
| | | 12.5 | 16 | 10 | 2 | 0.6105 | Non-Significant Effect |
| | | 25 | 18 | 10 | 2 | 0.8333 | Non-Significant Effect |
| | | 50 | 18 | 10 | 2 | 0.8333 | Non-Significant Effect |
| | | 100 | 17.5 | 10 | 1 | 0.7867 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.9833 | 0.8 - NL | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|------------------|
| Extreme Value | Grubbs Single Outlier | 3.072 | 2.802 | 0.0126 | Outlier Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|------------------------|
| Between | 0.009933203 | 0.001986641 | 5 | 0.2335 | 0.9427 | Non-Significant Effect |
| Error | 0.1531367 | 0.008507592 | 18 | | | |
| Total | 0.1630699 | 0.01049423 | 23 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|-------------------------|
| Variances | Bartlett Equality of Variance | 5.03 | 15.09 | 0.4122 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 0.2633 | 4.248 | 0.9273 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.7788 | | 0.0001 | Non-normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.365 | 0.2056 | <0.0001 | Non-normal Distribution |
| Distribution | D'Agostino Skewness | 2.907 | 2.576 | 0.0037 | Non-normal Distribution |
| Distribution | D'Agostino Kurtosis | 1.997 | 2.576 | 0.0458 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 12.44 | 9.21 | 0.0020 | Non-normal Distribution |

CETIS Analytical Report

Report Date: 10 Jan-10 12:16 (p 4 of 4)
Test Code: 06-2027-5952/VCF1209074f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 21-2080-8324 Endpoint: 7d Survival Rate
Analyzed: 10 Jan-10 12:14 Analysis: Nonparametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

7d Survival Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|---------|---------|--------|-----|----------|---------|--------|-------|
| 0 | Negative Control | 4 | 0.9833 | 0.9707 | 0.996 | 0.9333 | 1 | 0.00619 | 0.03333 | 3.39% | 0.0% |
| 6.25 | | 4 | 0.9833 | 0.9707 | 0.996 | 0.9333 | 1 | 0.00619 | 0.03333 | 3.39% | 0.0% |
| 12.5 | | 4 | 0.9667 | 0.952 | 0.9813 | 0.9333 | 1 | 0.007147 | 0.03849 | 3.98% | 1.7% |
| 25 | | 4 | 0.9833 | 0.9707 | 0.996 | 0.9333 | 1 | 0.00619 | 0.03333 | 3.39% | 0.0% |
| 50 | | 4 | 0.9833 | 0.9707 | 0.996 | 0.9333 | 1 | 0.00619 | 0.03333 | 3.39% | 0.0% |
| 100 | | 4 | 0.95 | 0.912 | 0.988 | 0.8 | 1 | 0.01857 | 0.1 | 10.53% | 3.39% |

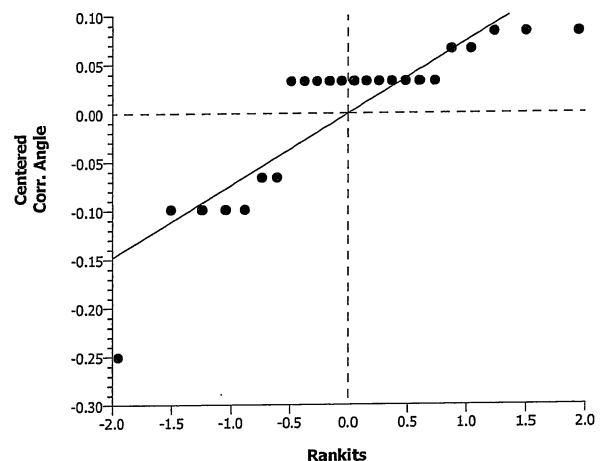
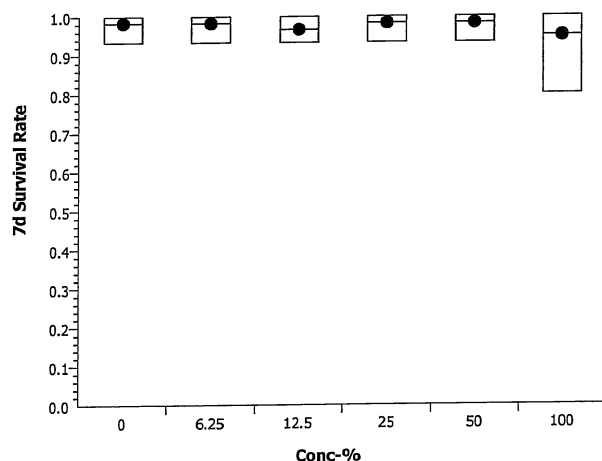
Angular (Corrected) Transformed Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|----------------|-------|-------|---------|---------|-------|-------|---------|---------|--------|-------|
| 0 | Negative Contr | 4 | 1.408 | 1.383 | 1.433 | 1.31 | 1.441 | 0.01223 | 0.06585 | 4.68% | 0.0% |
| 6.25 | | 4 | 1.408 | 1.383 | 1.433 | 1.31 | 1.441 | 0.01223 | 0.06585 | 4.68% | 0.0% |
| 12.5 | | 4 | 1.375 | 1.347 | 1.404 | 1.31 | 1.441 | 0.01412 | 0.07603 | 5.53% | 2.34% |
| 25 | | 4 | 1.408 | 1.383 | 1.433 | 1.31 | 1.441 | 0.01223 | 0.06585 | 4.68% | 0.0% |
| 50 | | 4 | 1.408 | 1.383 | 1.433 | 1.31 | 1.441 | 0.01223 | 0.06585 | 4.68% | 0.0% |
| 100 | | 4 | 1.358 | 1.294 | 1.421 | 1.107 | 1.441 | 0.03103 | 0.1671 | 12.31% | 3.59% |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 0.9333 | 1 | 1 | 1 |
| 6.25 | | 1 | 0.9333 | 1 | 1 |
| 12.5 | | 1 | 0.9333 | 1 | 0.9333 |
| 25 | | 1 | 1 | 0.9333 | 1 |
| 50 | | 1 | 1 | 1 | 0.9333 |
| 100 | | 1 | 1 | 0.8 | 1 |

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 12:16 (p 1 of 4)
Test Code: 06-2027-5952/VCF1209074f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|------------------------------|-------------------|------------------------------------|
| Analysis ID: | 04-0381-7328 | Endpoint: | Mean Dry Biomass-mg | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 10 Jan-10 12:16 | Analysis: | Linear Interpolation (ICPIN) | Official Results: | Yes |
| Batch ID: | 16-3564-8887 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 14:55 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 15 Dec-09 14:55 | Species: | Pimephales promelas | Brine: | Not Applicable |
| Duration: | 7d 0h | Source: | Aquatic Biosystems, CO | Age: | <24H |
| Sample ID: | 21-1905-3603 | Code: | VCF1209074f | Client: | VCWPD |
| Sample Date: | 07 Dec-09 14:15 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 25h (3.3 °C) | Station: | MO-MOaks-1 | | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 3019480 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.2913 | 0.25 - NL | Yes | Result Within Limits |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|-------|---------|---------|-------|---------|---------|
| IC5 | 3.793 | 1.016 | 79.6 | 26.36 | 1.256 | 98.46 |
| IC10 | 8.76 | 1.327 | 126.4 | 11.42 | 0.7909 | 75.37 |
| IC15 | 69.17 | N/A | N/A | 1.446 | N/A | N/A |
| IC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Mean Dry Biomass-mg Summary

Calculated Variate

| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|--------|--------|----------|---------|--------|--------|
| 0 | Negative Control | 4 | 0.2913 | 0.2713 | 0.328 | 0.004596 | 0.02518 | 8.64% | 0.0% |
| 6.25 | | 4 | 0.2673 | 0.2547 | 0.2813 | 0.002003 | 0.01097 | 4.1% | 8.24% |
| 12.5 | | 4 | 0.2377 | 0.1053 | 0.2887 | 0.01619 | 0.08866 | 37.31% | 18.42% |
| 25 | | 4 | 0.2647 | 0.2067 | 0.3187 | 0.008364 | 0.04581 | 17.31% | 9.15% |
| 50 | | 4 | 0.2613 | 0.222 | 0.29 | 0.0052 | 0.02848 | 10.9% | 10.3% |
| 100 | | 4 | 0.2365 | 0.224 | 0.256 | 0.002556 | 0.014 | 5.92% | 18.82% |

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 0.286 | 0.328 | 0.2713 | 0.28 |
| 6.25 | | 0.2547 | 0.2653 | 0.268 | 0.2813 |
| 12.5 | | 0.2693 | 0.2873 | 0.2887 | 0.1053 |
| 25 | | 0.3187 | 0.2687 | 0.2067 | 0.2647 |
| 50 | | 0.29 | 0.222 | 0.2687 | 0.2647 |
| 100 | | 0.224 | 0.2293 | 0.2367 | 0.256 |

CETIS Analytical Report

Report Date: 10 Jan-10 12:16 (p 2 of 4)
Test Code: 06-2027-5952/VCF1209074f

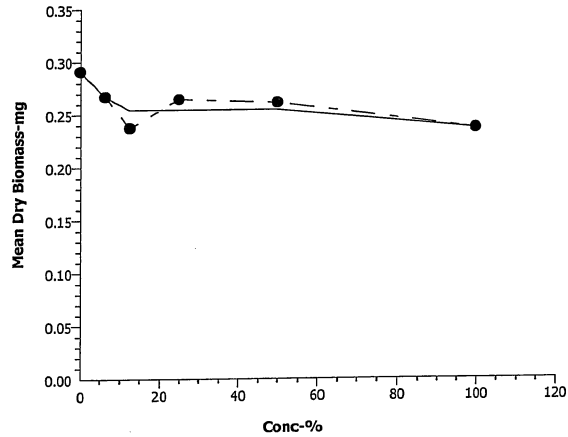
Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 04-0381-7328 Endpoint: Mean Dry Biomass-mg
Analyzed: 10 Jan-10 12:16 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 12:16 (p 3 of 4)

Test Code: 06-2027-5952/VCF1209074f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|---|
| Analysis ID: 09-0185-5384 | Endpoint: 7d Survival Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 10 Jan-10 12:14 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 16-3564-8887 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 14:55 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 15 Dec-09 14:55 | Species: Pimephales promelas | Brine: Not Applicable |
| Duration: 7d 0h | Source: Aquatic Biosystems, CO | Age: <24H |
| Sample ID: 21-1905-3603 | Code: VCF1209074f | Client: VCWPD |
| Sample Date: 07 Dec-09 14:15 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 25h (3.3 °C) | Station: MO-MOaks-1 | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 2895625 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.9833 | 0.8 - NL | Yes | Result Within Limits |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|------|---------|---------|----|---------|---------|
| EC5 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC50 | >100 | N/A | N/A | <1 | N/A | N/A |

7d Survival Rate Summary

Calculated Variate(A/B)

| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | A | B |
|--------|------------------|-------|--------|--------|-----|----------|---------|--------|-------|----|----|
| 0 | Negative Control | 4 | 0.9833 | 0.9333 | 1 | 0.006086 | 0.03333 | 3.39% | 0.0% | 59 | 60 |
| 6.25 | | 4 | 0.9833 | 0.9333 | 1 | 0.006086 | 0.03333 | 3.39% | 0.0% | 59 | 60 |
| 12.5 | | 4 | 0.9667 | 0.9333 | 1 | 0.007027 | 0.03849 | 3.98% | 1.7% | 58 | 60 |
| 25 | | 4 | 0.9833 | 0.9333 | 1 | 0.006086 | 0.03333 | 3.39% | 0.0% | 59 | 60 |
| 50 | | 4 | 0.9833 | 0.9333 | 1 | 0.006086 | 0.03333 | 3.39% | 0.0% | 59 | 60 |
| 100 | | 4 | 0.95 | 0.8 | 1 | 0.01826 | 0.1 | 10.53% | 3.39% | 57 | 60 |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 0.9333 | 1 | 1 | 1 |
| 6.25 | | 1 | 0.9333 | 1 | 1 |
| 12.5 | | 1 | 0.9333 | 1 | 0.9333 |
| 25 | | 1 | 1 | 0.9333 | 1 |
| 50 | | 1 | 1 | 1 | 0.9333 |
| 100 | | 1 | 1 | 0.8 | 1 |

CETIS Analytical Report

Report Date: 10 Jan-10 12:16 (p 4 of 4)
Test Code: 06-2027-5952/VCF1209074f

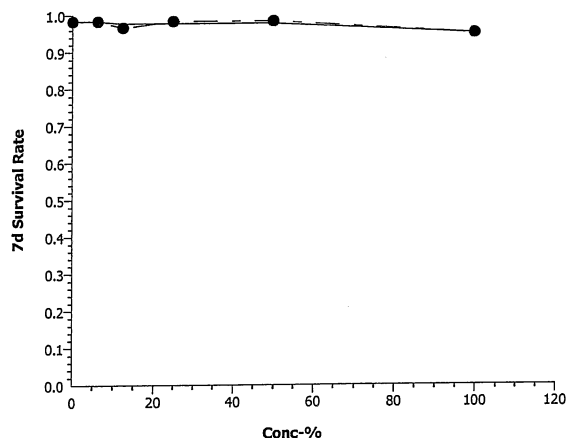
Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 09-0185-5384 Endpoint: 7d Survival Rate
Analyzed: 10 Jan-10 12:14 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 10 Jan-10 12:16 (p 1 of 2)
Test Code: 06-2027-5952/VCF1209074f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|-------------------------|----------|------------------------------------|
| Batch ID: | 16-3564-8887 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 14:55 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 15 Dec-09 14:55 | Species: | Pimephales promelas | Brine: | Not Applicable |
| Duration: | 7d 0h | Source: | Aquatic Biosystems, CO | Age: | <24H |
| Sample ID: | 21-1905-3603 | Code: | VCF1209074f | Client: | VCWPD |
| Sample Date: | 07 Dec-09 14:15 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 25h (3.3 °C) | Station: | MO-MOaks-1 | | |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 8 | 61 | 61 | 61 | 61 | 61 | 0 | 0 | 0.0% | 0 |
| 100 | | 8 | 44 | 44 | 44 | 44 | 44 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 52.5 | | | 44 | 61 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 353.1 | 350.3 | 355.9 | 339 | 365 | 1.367 | 8.202 | 2.32% | 0 |
| 6.25 | | 8 | 328.9 | 324.3 | 333.4 | 310 | 349 | 2.247 | 13.48 | 4.1% | 0 |
| 12.5 | | 8 | 315.6 | 312.1 | 319.1 | 304 | 335 | 1.713 | 10.28 | 3.26% | 0 |
| 25 | | 8 | 287.4 | 286.4 | 288.4 | 282 | 293 | 0.4955 | 2.973 | 1.04% | 0 |
| 50 | | 8 | 244.3 | 241.8 | 246.7 | 234 | 255 | 1.188 | 7.126 | 2.92% | 0 |
| 100 | | 8 | 142 | 138.8 | 145.2 | 133 | 158 | 1.558 | 9.35 | 6.59% | 0 |
| Overall | | 48 | 278.5 | | | 133 | 365 | | | | 0 (0%) |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 7.313 | 7.068 | 7.557 | 5.8 | 7.9 | 0.1203 | 0.722 | 9.87% | 0 |
| 6.25 | | 8 | 6.913 | 6.621 | 7.204 | 5.7 | 7.9 | 0.1438 | 0.8626 | 12.48% | 0 |
| 12.5 | | 8 | 6.925 | 6.648 | 7.202 | 5.6 | 7.8 | 0.1365 | 0.819 | 11.83% | 0 |
| 25 | | 8 | 6.988 | 6.736 | 7.239 | 5.7 | 7.8 | 0.1239 | 0.7434 | 10.64% | 0 |
| 50 | | 8 | 6.888 | 6.62 | 7.155 | 5.7 | 7.8 | 0.132 | 0.7918 | 11.5% | 0 |
| 100 | | 8 | 6.538 | 6.264 | 6.811 | 5.7 | 7.7 | 0.1345 | 0.807 | 12.34% | 0 |
| Overall | | 48 | 6.927 | | | 5.6 | 7.9 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 95.25 | 94.2 | 96.3 | 93 | 99 | 0.5175 | 3.105 | 3.26% | 0 |
| 100 | | 8 | 90 | 90 | 90 | 90 | 90 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 92.63 | | | 90 | 99 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 8.138 | 8.078 | 8.197 | 7.9 | 8.3 | 0.02946 | 0.1768 | 2.17% | 0 |
| 6.25 | | 8 | 7.925 | 7.858 | 7.992 | 7.6 | 8.2 | 0.03303 | 0.1982 | 2.5% | 0 |
| 12.5 | | 8 | 7.888 | 7.832 | 7.943 | 7.6 | 8.1 | 0.02737 | 0.1642 | 2.08% | 0 |
| 25 | | 8 | 7.8 | 7.764 | 7.836 | 7.6 | 7.9 | 0.01782 | 0.1069 | 1.37% | 0 |
| 50 | | 8 | 7.813 | 7.774 | 7.851 | 7.6 | 7.9 | 0.01877 | 0.1126 | 1.44% | 0 |
| 100 | | 8 | 7.8 | 7.756 | 7.844 | 7.6 | 7.9 | 0.02182 | 0.1309 | 1.68% | 0 |
| Overall | | 48 | 7.894 | | | 7.6 | 8.3 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 10 Jan-10 12:16 (p 2 of 2)

Test Code: 06-2027-5952/VCF1209074f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|------|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 24.18 | 24.09 | 24.26 | 24 | 24.8 | 0.04341 | 0.2605 | 1.08% | 0 |
| 6.25 | | 8 | 24.2 | 24.12 | 24.28 | 24 | 24.8 | 0.04178 | 0.2507 | 1.04% | 0 |
| 12.5 | | 8 | 24.23 | 24.14 | 24.31 | 24 | 24.8 | 0.04154 | 0.2493 | 1.03% | 0 |
| 25 | | 8 | 24.3 | 24.21 | 24.39 | 24 | 24.8 | 0.04629 | 0.2777 | 1.14% | 0 |
| 50 | | 8 | 24.24 | 24.12 | 24.35 | 24 | 25 | 0.0563 | 0.3378 | 1.39% | 0 |
| 100 | | 8 | 24.28 | 24.19 | 24.36 | 24 | 24.8 | 0.04249 | 0.2549 | 1.05% | 0 |
| Overall | | 48 | 24.24 | | | 24 | 25 | | | | 0 (0%) |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 |
| 100 | | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 339 | 358 | 355 | 345 | 350 | 355 | 358 | 365 |
| 6.25 | | 310 | 327 | 320 | 321 | 328 | 328 | 348 | 349 |
| 12.5 | | 306 | 317 | 304 | 309 | 314 | 315 | 325 | 335 |
| 25 | | 282 | 293 | 287 | 288 | 288 | 287 | 287 | 287 |
| 50 | | 234 | 243 | 238 | 239 | 245 | 250 | 250 | 255 |
| 100 | | 133 | 134 | 136 | 133 | 145 | 148 | 149 | 158 |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 7.8 | 7 | 7 | 7.3 | 7.8 | 7.9 | 7.9 | 5.8 |
| 6.25 | | 7.7 | 6.9 | 6.1 | 6.1 | 7.1 | 7.8 | 7.9 | 5.7 |
| 12.5 | | 7.7 | 7 | 6.6 | 6 | 7 | 7.7 | 7.8 | 5.6 |
| 25 | | 7.8 | 7 | 6.8 | 6.3 | 6.9 | 7.6 | 7.8 | 5.7 |
| 50 | | 7.8 | 6.9 | 6 | 6.5 | 6.9 | 7.5 | 7.8 | 5.7 |
| 100 | | 7.7 | 6.4 | 5.7 | 6.7 | 6.9 | 7.5 | 5.7 | 5.7 |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 99 | 99 | 99 | 93 | 93 | 93 | 93 | 93 |
| 100 | | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 8.3 | 7.9 | 7.9 | 8.3 | 8.3 | 8.2 | 8.2 | 8 |
| 6.25 | | 7.9 | 7.6 | 7.7 | 7.9 | 8 | 8.2 | 8.1 | 8 |
| 12.5 | | 7.9 | 7.7 | 7.6 | 7.9 | 8 | 8.1 | 8 | 7.9 |
| 25 | | 7.8 | 7.7 | 7.6 | 7.9 | 7.8 | 7.8 | 7.9 | 7.9 |
| 50 | | 7.8 | 7.7 | 7.6 | 7.8 | 7.9 | 7.9 | 7.9 | 7.9 |
| 100 | | 7.8 | 7.6 | 7.6 | 7.8 | 7.9 | 7.9 | 7.9 | 7.9 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|------|----|------|------|------|------|------|------|
| 0 | Negative Contr | 24.2 | 24 | 24 | 24.8 | 24.1 | 24.1 | 24.1 | 24.1 |
| 6.25 | | 24.2 | 24 | 24.1 | 24.8 | 24.1 | 24.2 | 24.1 | 24.1 |
| 12.5 | | 24.2 | 24 | 24.3 | 24.8 | 24.1 | 24.1 | 24.1 | 24.2 |
| 25 | | 24.4 | 24 | 24.6 | 24.8 | 24.1 | 24.1 | 24.2 | 24.2 |
| 50 | | 24.4 | 24 | 25 | 24 | 24 | 24.2 | 24.1 | 24.2 |
| 100 | | 24.5 | 24 | 24.2 | 24.8 | 24.2 | 24.2 | 24.1 | 24.2 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms EPA-821-R-02-013*. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | MO-Ven-1 |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.075 |

CHRONIC SELENASTRUM ALGAE GROWTH BIOASSAY

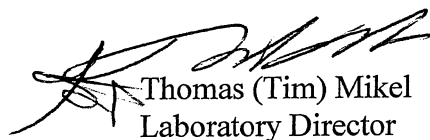
NOEC = 100.00 %

TU_c = 1.00

IC₂₅ = >100.00 %

IC₅₀ = >100.00 %

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 11 Jan-10 09:36 (p 1 of 2)
Test Code: 00-1653-9058/VCF1209075s

| Selenastrum Growth Test | | | Aquatic Bioassay & Consulting Labs, Inc. | | |
|-------------------------|-----------------|------------|--|-------------------|------------------------------------|
| Analysis ID: | 07-2931-9341 | Endpoint: | Cell Density | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 11 Jan-10 9:36 | Analysis: | Parametric-Control vs Treatments | Official Results: | Yes |
| Batch ID: | 17-6738-0656 | Test Type: | Cell Growth | Analyst: | |
| Start Date: | 08 Dec-09 20:35 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 12 Dec-09 20:35 | Species: | Selenastrum capricornutum | Brine: | Not Applicable |
| Duration: | 96h | Source: | Aquatic Biosystems, CO | Age: | |
| Sample ID: | 00-2568-3243 | Code: | VCF1209075s | Client: | VCWPD |
| Sample Date: | 07 Dec-09 16:00 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 29h (3.3 °C) | Station: | MO-Ven-1 | | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|------|----|--------|
| Untransformed | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 10.76% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|--------|---------|------------------------|
| Negative Control | | 6.25 | -6.315 | 2.407 | 116600 | 1.0000 | Non-Significant Effect |
| | | 12.5 | -6.883 | 2.407 | 116600 | 1.0000 | Non-Significant Effect |
| | | 25 | -6.037 | 2.407 | 116600 | 1.0000 | Non-Significant Effect |
| | | 50 | -3.746 | 2.407 | 116600 | 1.0000 | Non-Significant Effect |
| | | 100 | -2.936 | 2.407 | 116600 | 0.9999 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|--------------|---------|----------------------|
| Control CV | 0.07074 | NL - 0.2 | Yes | Result Within Limits |
| Control Resp | 1.08E+6 | 1.00E+6 - NL | Yes | Result Within Limits |
| PMSD | 0.1076 | 0.091 - 0.29 | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 2.107 | 2.802 | 0.6669 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|--------------|-------------|----|--------|---------|--------------------|
| Between | 3.230952E+11 | 64619040000 | 5 | 13.76 | <0.0001 | Significant Effect |
| Error | 84514750000 | 4695264000 | 18 | | | |
| Total | 4.076099E+11 | 69314310000 | 23 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 2.317 | 15.09 | 0.8038 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 0.5407 | 4.248 | 0.7430 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9528 | | 0.3109 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.1295 | 0.2056 | 0.3697 | Normal Distribution |
| Distribution | D'Agostino Skewness | 1.042 | 2.576 | 0.2976 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 0.4867 | 2.576 | 0.6264 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 1.322 | 9.21 | 0.5164 | Normal Distribution |

Cell Density Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|----------|----------|----------|----------|----------|----------|----------|-------|---------|
| 0 | Negative Control | 4 | 1.084E+6 | 1.055E+6 | 1.113E+6 | 1.002E+6 | 1.169E+6 | 1.424E+4 | 7.670E+4 | 7.07% | 0.0% |
| 6.25 | | 4 | 1.390E+6 | 1.368E+6 | 1.413E+6 | 1.338E+6 | 1.476E+6 | 1.106E+4 | 5.958E+4 | 4.29% | -28.22% |
| 12.5 | | 4 | 1.418E+6 | 1.387E+6 | 1.448E+6 | 1.305E+6 | 1.486E+6 | 1.494E+4 | 8.045E+4 | 5.68% | -30.76% |
| 25 | | 4 | 1.377E+6 | 1.362E+6 | 1.391E+6 | 1.333E+6 | 1.426E+6 | 7.081E+3 | 3.813E+4 | 2.77% | -26.98% |
| 50 | | 4 | 1.266E+6 | 1.232E+6 | 1.300E+6 | 1.138E+6 | 1.336E+6 | 1.655E+4 | 8.913E+4 | 7.04% | -16.74% |
| 100 | | 4 | 1.227E+6 | 1.206E+6 | 1.247E+6 | 1.156E+6 | 1.286E+6 | 9.944E+3 | 5.355E+4 | 4.37% | -13.12% |

CETIS Analytical Report

Report Date: 11 Jan-10 09:36 (p 2 of 2)
Test Code: 00-1653-9058/VCF1209075s

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

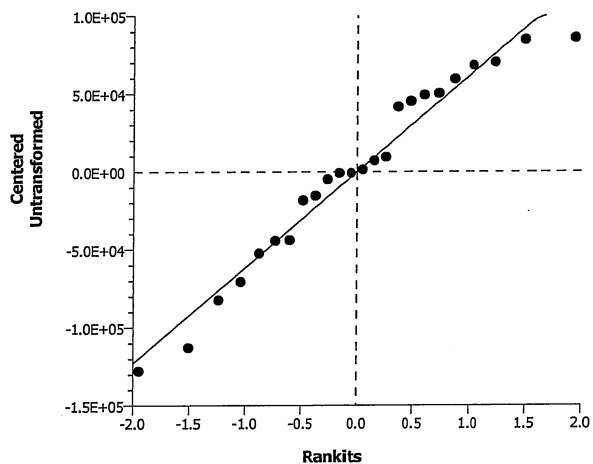
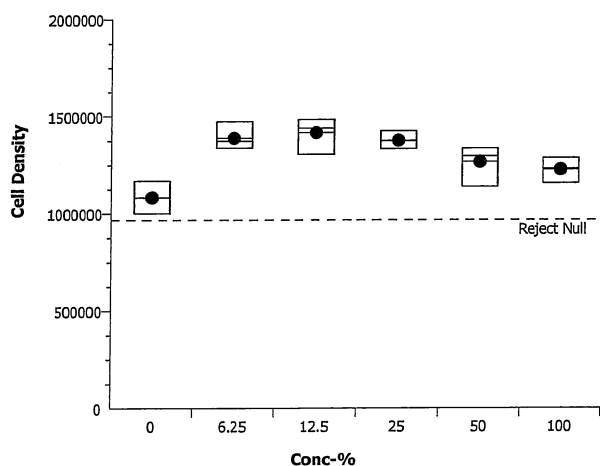
Analysis ID: 07-2931-9341 Endpoint: Cell Density
Analyzed: 11 Jan-10 9:36 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

Cell Density Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|----------|----------|----------|----------|
| 0 | Negative Control | 1.040E+6 | 1.169E+6 | 1.002E+6 | 1.126E+6 |
| 6.25 | | 1.476E+6 | 1.338E+6 | 1.372E+6 | 1.375E+6 |
| 12.5 | | 1.463E+6 | 1.486E+6 | 1.417E+6 | 1.305E+6 |
| 25 | | 1.426E+6 | 1.333E+6 | 1.372E+6 | 1.376E+6 |
| 50 | | 1.336E+6 | 1.138E+6 | 1.316E+6 | 1.273E+6 |
| 100 | | 1.286E+6 | 1.236E+6 | 1.156E+6 | 1.228E+6 |

Graphics



CETIS Analytical Report

Report Date: 11 Jan-10 09:36 (p 1 of 2)
Test Code: 00-1653-9058/VCF1209075s

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|---|
| Analysis ID: 00-6385-4666 | Endpoint: Cell Density | CETIS Version: CETISv1.7.0 |
| Analyzed: 11 Jan-10 9:36 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 17-6738-0656 | Test Type: Cell Growth | Analyst: |
| Start Date: 08 Dec-09 20:35 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 12 Dec-09 20:35 | Species: Selenastrum capricornutum | Brine: Not Applicable |
| Duration: 96h | Source: Aquatic Biosystems, CO | Age: |
| Sample ID: 00-2568-3243 | Code: VCF1209075s | Client: VCWPD |
| Sample Date: 07 Dec-09 16:00 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 29h (3.3 °C) | Station: MO-Ven-1 | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 9495566 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|--------------|---------|----------------------|
| Control CV | 0.07074 | NL - 0.2 | Yes | Result Within Limits |
| Control Resp | 1.08E+6 | 1.00E+6 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 2.107 | 2.802 | 0.6669 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|------|---------|---------|-------|---------|---------|
| IC5 | 68.3 | 20.31 | N/A | 1.464 | N/A | 4.924 |
| IC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Cell Density Summary

| Conc-% | Control Type | Count | Calculated Variate | | | | | | |
|--------|------------------|-------|--------------------|----------|----------|----------|----------|-------|---------|
| | | | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 4 | 1.084E+6 | 1.002E+6 | 1.169E+6 | 1.400E+4 | 7.670E+4 | 7.07% | 0.0% |
| 6.25 | | 4 | 1.390E+6 | 1.338E+6 | 1.476E+6 | 1.088E+4 | 5.958E+4 | 4.29% | -28.22% |
| 12.5 | | 4 | 1.418E+6 | 1.305E+6 | 1.486E+6 | 1.469E+4 | 8.045E+4 | 5.68% | -30.76% |
| 25 | | 4 | 1.377E+6 | 1.333E+6 | 1.426E+6 | 6.962E+3 | 3.813E+4 | 2.77% | -26.98% |
| 50 | | 4 | 1.266E+6 | 1.138E+6 | 1.336E+6 | 1.627E+4 | 8.913E+4 | 7.04% | -16.74% |
| 100 | | 4 | 1.227E+6 | 1.156E+6 | 1.286E+6 | 9.777E+3 | 5.355E+4 | 4.37% | -13.12% |

Cell Density Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|----------|----------|----------|----------|
| 0 | Negative Control | 1.040E+6 | 1.169E+6 | 1.002E+6 | 1.126E+6 |
| 6.25 | | 1.476E+6 | 1.338E+6 | 1.372E+6 | 1.375E+6 |
| 12.5 | | 1.463E+6 | 1.486E+6 | 1.417E+6 | 1.305E+6 |
| 25 | | 1.426E+6 | 1.333E+6 | 1.372E+6 | 1.376E+6 |
| 50 | | 1.336E+6 | 1.138E+6 | 1.316E+6 | 1.273E+6 |
| 100 | | 1.286E+6 | 1.236E+6 | 1.156E+6 | 1.228E+6 |

CETIS Analytical Report

Report Date: 11 Jan-10 09:36 (p 2 of 2)
Test Code: 00-1653-9058/VCF1209075s

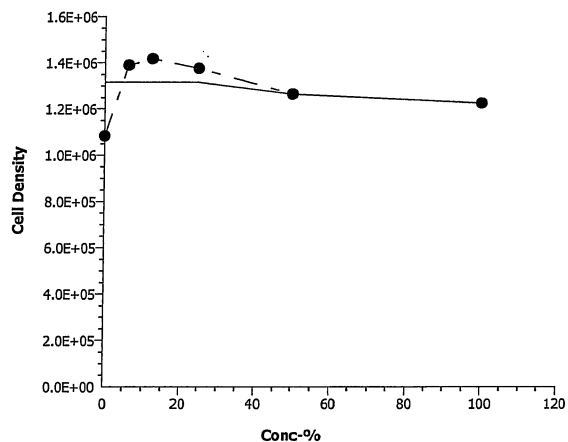
Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 00-6385-4666 Endpoint: Cell Density
Analyzed: 11 Jan-10 9:36 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 11 Jan-10 09:36 (p 1 of 2)
Test Code: 00-1653-9058/VCF1209075s

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|---------------------------|----------|------------------------------------|
| Batch ID: | 17-6738-0656 | Test Type: | Cell Growth | Analyst: | |
| Start Date: | 08 Dec-09 20:35 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 12 Dec-09 20:35 | Species: | Selenastrum capricornutum | Brine: | Not Applicable |
| Duration: | 96h | Source: | Aquatic Biosystems, CO | Age: | |
| Sample ID: | 00-2568-3243 | Code: | VCF1209075s | Client: | VCWPD |
| Sample Date: | 07 Dec-09 16:00 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 29h (3.3 °C) | Station: | MO-Ven-1 | | |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 1 | 67 | | | 67 | 67 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 1 | 48 | | | 48 | 48 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 1 | 48 | | | 48 | 48 | 0 | 0 | 0.0% | 0 |
| 25 | | 1 | 50 | | | 50 | 50 | 0 | 0 | 0.0% | 0 |
| 50 | | 1 | 51 | | | 51 | 51 | 0 | 0 | 0.0% | 0 |
| 100 | | 1 | 51 | | | 51 | 51 | 0 | 0 | 0.0% | 0 |
| Overall | | 6 | 52.5 | | | 48 | 67 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 5 | 507.4 | 503.8 | 511 | 493 | 520 | 1.797 | 10.78 | 2.13% | 0 |
| 6.25 | | 5 | 473 | 458.6 | 487.4 | 415 | 517 | 7.114 | 42.68 | 9.02% | 0 |
| 12.5 | | 5 | 411.2 | 406.3 | 416.1 | 395 | 435 | 2.428 | 14.57 | 3.54% | 0 |
| 25 | | 5 | 380.6 | 373.8 | 387.4 | 355 | 410 | 3.368 | 20.21 | 5.31% | 0 |
| 50 | | 5 | 339.6 | 335.6 | 343.6 | 324 | 356 | 1.981 | 11.89 | 3.5% | 0 |
| 100 | | 5 | 236.6 | 234.5 | 238.7 | 227 | 244 | 1.045 | 6.269 | 2.65% | 0 |
| Overall | | 30 | 391.4 | | | 227 | 520 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 1 | 98 | | | 98 | 98 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 1 | 65 | | | 65 | 65 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 1 | 98 | | | 98 | 98 | 0 | 0 | 0.0% | 0 |
| 25 | | 1 | 98 | | | 98 | 98 | 0 | 0 | 0.0% | 0 |
| 50 | | 1 | 97 | | | 97 | 97 | 0 | 0 | 0.0% | 0 |
| 100 | | 1 | 88 | | | 88 | 88 | 0 | 0 | 0.0% | 0 |
| Overall | | 6 | 90.67 | | | 65 | 98 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 5 | 7.96 | 7.866 | 8.054 | 7.7 | 8.3 | 0.04655 | 0.2793 | 3.51% | 0 |
| 6.25 | | 5 | 7.72 | 7.676 | 7.764 | 7.6 | 7.9 | 0.02173 | 0.1304 | 1.69% | 0 |
| 12.5 | | 5 | 7.74 | 7.701 | 7.779 | 7.6 | 7.9 | 0.019 | 0.114 | 1.47% | 0 |
| 25 | | 5 | 7.76 | 7.73 | 7.79 | 7.7 | 7.9 | 0.01491 | 0.08944 | 1.15% | 0 |
| 50 | | 5 | 7.76 | 7.73 | 7.79 | 7.7 | 7.9 | 0.01491 | 0.08944 | 1.15% | 0 |
| 100 | | 5 | 7.74 | 7.71 | 7.77 | 7.7 | 7.9 | 0.01491 | 0.08944 | 1.16% | 0 |
| Overall | | 30 | 7.78 | | | 7.6 | 8.3 | | | | 0 (0%) |

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| 6.25 | | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| 12.5 | | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| 25 | | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| 50 | | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| 100 | | 5 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| Overall | | 30 | 24 | | | 24 | 24 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 11 Jan-10 09:36 (p 2 of 2)

Test Code: 00-1653-9058/VCF1209075s

Selenastrum Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Alkalinity (CaCO₃)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|----|---|---|---|---|
| 0 | Negative Contr | 67 | | | | |
| 6.25 | | 48 | | | | |
| 12.5 | | 48 | | | | |
| 25 | | 50 | | | | |
| 50 | | 51 | | | | |
| 100 | | 51 | | | | |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 520 | 493 | 501 | 508 | 515 |
| 6.25 | | 455 | 415 | 465 | 513 | 517 |
| 12.5 | | 435 | 395 | 409 | 409 | 408 |
| 25 | | 410 | 371 | 385 | 382 | 355 |
| 50 | | 356 | 324 | 338 | 335 | 345 |
| 100 | | 244 | 227 | 239 | 238 | 235 |

Hardness (CaCO₃)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|----|---|---|---|---|
| 0 | Negative Contr | 98 | | | | |
| 6.25 | | 65 | | | | |
| 12.5 | | 98 | | | | |
| 25 | | 98 | | | | |
| 50 | | 97 | | | | |
| 100 | | 88 | | | | |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 8.3 | 8.2 | 7.9 | 7.7 | 7.7 |
| 6.25 | | 7.9 | 7.8 | 7.6 | 7.6 | 7.7 |
| 12.5 | | 7.9 | 7.8 | 7.6 | 7.7 | 7.7 |
| 25 | | 7.9 | 7.8 | 7.7 | 7.7 | 7.7 |
| 50 | | 7.9 | 7.7 | 7.8 | 7.7 | 7.7 |
| 100 | | 7.9 | 7.7 | 7.7 | 7.7 | 7.7 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 |
|--------|----------------|----|----|----|----|----|
| 0 | Negative Contr | 24 | 24 | 24 | 24 | 24 |
| 6.25 | | 24 | 24 | 24 | 24 | 24 |
| 12.5 | | 24 | 24 | 24 | 24 | 24 |
| 25 | | 24 | 24 | 24 | 24 | 24 |
| 50 | | 24 | 24 | 24 | 24 | 24 |
| 100 | | 24 | 24 | 24 | 24 | 24 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

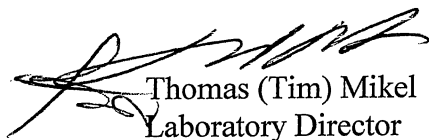
We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms* EPA-821-R-02-013. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | MO-Ven-1 |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.075 |

CHRONIC CERIODAPHNIA SURVIVAL & REPRODUCTION BIOASSAY

| | | |
|--------------|-------------------|---------|
| SURVIVAL | NOEC = | 50.00 % |
| | TU _c = | 2.00 |
| | IC25 = | 65.74 % |
| | IC50 = | 81.47 % |
| REPRODUCTION | NOEC = | 50.00 % |
| | TU _c = | 2.00 |
| | IC25 = | 70.83 % |
| | IC50 = | 91.67 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 10 Jan-10 13:18 (p 1 of 2)
Test Code: 02-2609-6242/VCF1209075c

Ceriodaphnia 7-d Survival and Reproduction Test Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|---------------------------|---|----------------------------|
| Analysis ID: 01-2146-8307 | Endpoint: Reproduction | CETIS Version: CETISv1.7.0 |
| Analyzed: 10 Jan-10 13:18 | Analysis: Nonparametric-Control vs Treatments | Official Results: Yes |

| | | |
|------------------------------|---------------------------------------|---------------------------|
| Batch ID: 21-4517-9568 | Test Type: Reproduction-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 15:29 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 15 Dec-09 15:29 | Species: Ceriodaphnia dubia | Brine: Not Applicable |
| Duration: 7d 0h | Source: Aquatic Biosystems, CO | Age: <24H |

| | | |
|-------------------------------|-------------------------|---|
| Sample ID: 15-4407-1785 | Code: VCF1209075c | Client: VCWPD |
| Sample Date: 07 Dec-09 16:00 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 23h (3.3 °C) | Station: MO-Ven-1 | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|-------|----|--------|
| Untransformed | 0 | C > T | Not Run | 50 | 100 | 70.71 | 2 | 14.93% |

Steel Many-One Rank Test

| Control | vs | Conc-% | Test Stat | Critical | Ties | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|------|---------|------------------------|
| Negative Control | | 6.25 | 140 | 75 | 3 | 1.0000 | Non-Significant Effect |
| | | 12.5 | 125.5 | 75 | 2 | 0.9977 | Non-Significant Effect |
| | | 25 | 130 | 75 | 1 | 0.9994 | Non-Significant Effect |
| | | 50 | 145 | 75 | 2 | 1.0000 | Non-Significant Effect |
| | | 100* | 55 | 75 | 0 | 0.0004 | Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|-------------|---------|----------------------|
| Control Resp | 20.9 | 15 - NL | Yes | Result Within Limits |
| PMSD | 0.1493 | 0.13 - 0.47 | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 3.018 | 3.2 | 0.1033 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|--------------------|
| Between | 2969.75 | 593.95 | 5 | 63.95 | <0.0001 | Significant Effect |
| Error | 501.5 | 9.287037 | 54 | | | |
| Total | 3471.25 | 603.2371 | 59 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|-------------------------|
| Variances | Bartlett Equality of Variance | 7.971 | 15.09 | 0.1579 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 1.123 | 3.377 | 0.3591 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9415 | | 0.0063 | Non-normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.1243 | 0.1331 | 0.0219 | Normal Distribution |
| Distribution | D'Agostino Skewness | 2.646 | 2.576 | 0.0081 | Non-normal Distribution |
| Distribution | D'Agostino Kurtosis | 1.149 | 2.576 | 0.2505 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 8.322 | 9.21 | 0.0156 | Normal Distribution |

Reproduction Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|------|---------|---------|-----|-----|---------|---------|--------|---------|
| 0 | Negative Control | 10 | 20.9 | 20.05 | 21.75 | 18 | 24 | 0.4148 | 2.234 | 10.69% | 0.0% |
| 6.25 | | 10 | 24.3 | 23.48 | 25.12 | 21 | 27 | 0.4016 | 2.163 | 8.9% | -16.27% |
| 12.5 | | 10 | 22.9 | 21.91 | 23.89 | 20 | 27 | 0.483 | 2.601 | 11.36% | -9.57% |
| 25 | | 10 | 23.4 | 22.41 | 24.39 | 21 | 29 | 0.4811 | 2.591 | 11.07% | -11.96% |
| 50 | | 10 | 25.2 | 23.92 | 26.48 | 23 | 34 | 0.6239 | 3.36 | 13.33% | -20.57% |
| 100 | | 10 | 4.8 | 3.045 | 6.555 | 0 | 12 | 0.8568 | 4.614 | 96.12% | 77.03% |

CETIS Analytical Report

Report Date: 10 Jan-10 13:18 (p 2 of 2)
Test Code: 02-2609-6242/VCF1209075c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 01-2146-8307
Analyzed: 10 Jan-10 13:18

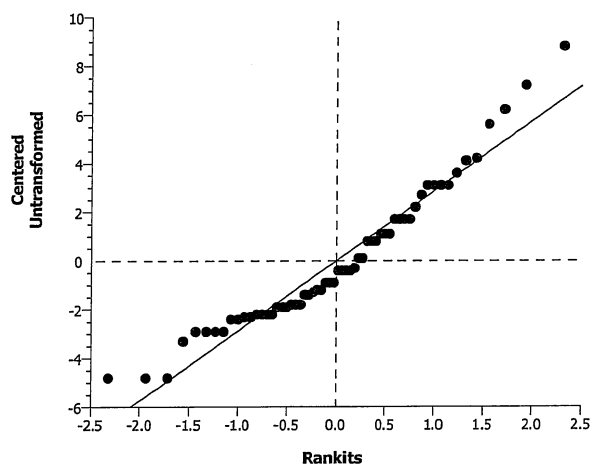
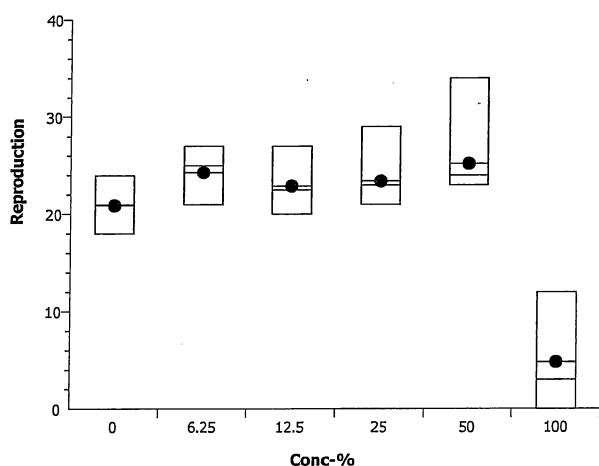
Endpoint: Reproduction
Analysis: Nonparametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

Reproduction Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 18 | 19 | 20 | 20 | 24 | 22 | 22 | 18 | 22 | 24 |
| 6.25 | | 26 | 26 | 26 | 22 | 27 | 26 | 22 | 24 | 21 | 23 |
| 12.5 | | 27 | 26 | 22 | 20 | 23 | 26 | 23 | 20 | 21 | 21 |
| 25 | | 23 | 22 | 23 | 21 | 22 | 23 | 21 | 23 | 29 | 27 |
| 50 | | 26 | 23 | 23 | 34 | 26 | 26 | 23 | 24 | 24 | 23 |
| 100 | | 0 | 0 | 3 | 3 | 7 | 11 | 12 | 0 | 3 | 9 |

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 13:18 (p 1 of 4)
Test Code: 02-2609-6242/VCF1209075c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|---|
| Analysis ID: 08-7801-7259 | Endpoint: Reproduction | CETIS Version: CETISv1.7.0 |
| Analyzed: 10 Jan-10 13:18 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 21-4517-9568 | Test Type: Reproduction-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 15:29 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 15 Dec-09 15:29 | Species: Ceriodaphnia dubia | Brine: Not Applicable |
| Duration: 7d 0h | Source: Aquatic Biosystems, CO | Age: <24H |
| Sample ID: 15-4407-1785 | Code: VCF1209075c | Client: VCWPD |
| Sample Date: 07 Dec-09 16:00 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Dec-09 18:30 | Source: Bioassay Report | |
| Sample Age: 23h (3.3 °C) | Station: MO-Ven-1 | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 3735362 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 20.9 | 15 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 3.018 | 3.2 | 0.1033 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|-------|---------|---------|-------|---------|---------|
| IC5 | 53.15 | 52.72 | 53.73 | 1.882 | 1.861 | 1.897 |
| IC10 | 56.29 | 55.49 | 57.46 | 1.776 | 1.74 | 1.802 |
| IC15 | 59.44 | 58.24 | 61.19 | 1.682 | 1.634 | 1.717 |
| IC20 | 62.59 | 60.99 | 64.94 | 1.598 | 1.54 | 1.64 |
| IC25 | 65.74 | 63.73 | 68.73 | 1.521 | 1.455 | 1.569 |
| IC40 | 75.18 | 72 | 79.96 | 1.33 | 1.251 | 1.389 |
| IC50 | 81.47 | 77.5 | 87.45 | 1.227 | 1.143 | 1.29 |

Reproduction Summary

Calculated Variate

| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|------|-----|-----|---------|---------|--------|---------|
| 0 | Negative Control | 10 | 20.9 | 18 | 24 | 0.4078 | 2.234 | 10.69% | 0.0% |
| 6.25 | | 10 | 24.3 | 21 | 27 | 0.3949 | 2.163 | 8.9% | -16.27% |
| 12.5 | | 10 | 22.9 | 20 | 27 | 0.4749 | 2.601 | 11.36% | -9.57% |
| 25 | | 10 | 23.4 | 21 | 29 | 0.473 | 2.591 | 11.07% | -11.96% |
| 50 | | 10 | 25.2 | 23 | 34 | 0.6134 | 3.36 | 13.33% | -20.57% |
| 100 | | 10 | 4.8 | 0 | 12 | 0.8424 | 4.614 | 96.12% | 77.03% |

Reproduction Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 18 | 19 | 20 | 20 | 24 | 22 | 22 | 18 | 22 | 24 |
| 6.25 | | 26 | 26 | 26 | 22 | 27 | 26 | 22 | 24 | 21 | 23 |
| 12.5 | | 27 | 26 | 22 | 20 | 23 | 26 | 23 | 20 | 21 | 21 |
| 25 | | 23 | 22 | 23 | 21 | 22 | 23 | 21 | 23 | 29 | 27 |
| 50 | | 26 | 23 | 23 | 34 | 26 | 26 | 23 | 24 | 24 | 23 |
| 100 | | 0 | 0 | 3 | 3 | 7 | 11 | 12 | 0 | 3 | 9 |

CETIS Analytical Report

Report Date: 10 Jan-10 13:18 (p 2 of 4)
Test Code: 02-2609-6242/VCF1209075c

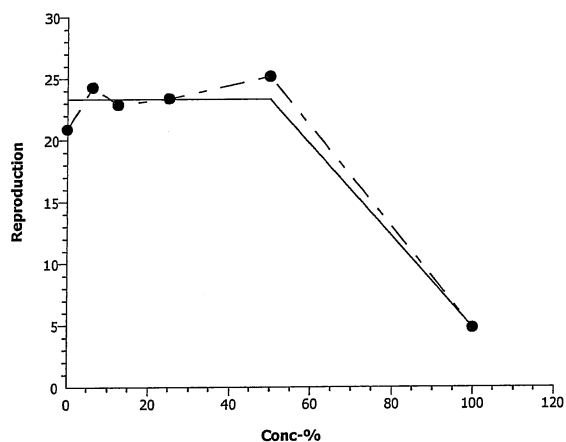
Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 08-7801-7259 Endpoint: Reproduction
Analyzed: 10 Jan-10 13:18 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 13:18 (p 3 of 4)
 Test Code: 02-2609-6242/VCF1209075c

| Ceriodaphnia 7-d Survival and Reproduction Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | |
|---|-----------------|------------|------------------------------|--|------------------------------------|
| Analysis ID: | 03-7222-0669 | Endpoint: | 7d Survival Rate | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 10 Jan-10 13:18 | Analysis: | Linear Interpolation (ICPIN) | Official Results: | Yes |
| Batch ID: | 21-4517-9568 | Test Type: | Reproduction-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 15:29 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 15 Dec-09 15:29 | Species: | Ceriodaphnia dubia | Brine: | Not Applicable |
| Duration: | 7d 0h | Source: | Aquatic Biosystems, CO | Age: | <24H |
| Sample ID: | 15-4407-1785 | Code: | VCF1209075c | Client: | VCWPD |
| Sample Date: | 07 Dec-09 16:00 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Dec-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 23h (3.3 °C) | Station: | MO-Ven-1 | | |

| Linear Interpolation Options | | | | | |
|------------------------------|-------------|---------|-----------|------------|-------------------------|
| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
| Linear | Linear | 7904800 | 280 | Yes | Two-Point Interpolation |

| Test Acceptability | | | | |
|--------------------|-----------|------------|---------|----------------------|
| Attribute | Test Stat | TAC Limits | Overlap | Decision |
| Control Resp | 1 | 0.8 - NL | Yes | Result Within Limits |

| Point Estimates | | | | | | |
|-----------------|-------|---------|---------|-------|---------|---------|
| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
| EC5 | 54.17 | 52.78 | 58.33 | 1.846 | 1.714 | 1.895 |
| EC10 | 58.33 | 55.56 | 66.67 | 1.714 | 1.5 | 1.8 |
| EC15 | 62.5 | 58.33 | 75 | 1.6 | 1.333 | 1.714 |
| EC20 | 66.67 | 61.11 | 83.33 | 1.5 | 1.2 | 1.636 |
| EC25 | 70.83 | 63.89 | 91.67 | 1.412 | 1.091 | 1.565 |
| EC40 | 83.33 | 72.22 | N/A | 1.2 | N/A | 1.385 |
| EC50 | 91.67 | 77.78 | N/A | 1.091 | N/A | 1.286 |

| 7d Survival Rate Summary | | | Calculated Variate(A/B) | | | | | | | | |
|--------------------------|------------------|-------|-------------------------|-----|-----|---------|---------|--------|-------|----|----|
| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | A | B |
| 0 | Negative Control | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |
| 6.25 | | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |
| 12.5 | | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |
| 25 | | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |
| 50 | | 10 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 10 | 10 |
| 100 | | 10 | 0.4 | 0 | 1 | 0.09428 | 0.5164 | 129.1% | 60.0% | 4 | 10 |

| 7d Survival Rate Detail | | | | | | | | | | | |
|-------------------------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
| 0 | Negative Control | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 100 | | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |

CETIS Analytical Report

Report Date: 10 Jan-10 13:18 (p 4 of 4)
Test Code: 02-2609-6242/VCF1209075c

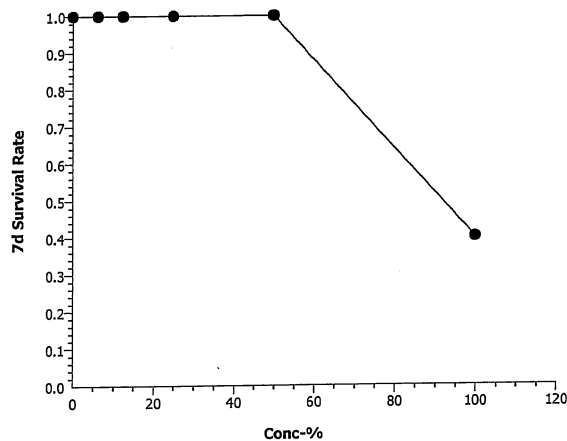
Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 03-7222-0669 Endpoint: 7d Survival Rate
Analyzed: 10 Jan-10 13:18 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 13:18 (p 1 of 2)
Test Code: 02-2609-6242/VCF1209075c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 13-6462-1326 Endpoint: 7d Survival Rate
Analyzed: 10 Jan-10 13:18 Analysis: STP 2x2 Contingency Tables

CETIS Version: CETISv1.7.0
Official Results: Yes

Batch ID: 21-4517-9568 Test Type: Reproduction-Survival (7d)
Start Date: 08 Dec-09 15:29 Protocol: EPA/821/R-02-013 (2002)
Ending Date: 15 Dec-09 15:29 Species: Ceriodaphnia dubia
Duration: 7d 0h Source: Aquatic Biosystems, CO

Analyst:
Diluent: Laboratory Water
Brine: Not Applicable
Age: <24H

Sample ID: 15-4407-1785 Code: VCF1209075c
Sample Date: 07 Dec-09 16:00 Material: Sample Water
Receive Date: 07 Dec-09 18:30 Source: Bioassay Report
Sample Age: 23h (3.3 °C) Station: MO-Ven-1

Client: VCWPD
Project: NPDES Stormwater Monitoring Progra

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|-------|----|------|
| Untransformed | | C > T | Not Run | 50 | 100 | 70.71 | 2 | N/A |

Fisher Exact/Bonferroni-Holm Test

| Control | vs | Conc-% | Test Stat | P-Value | Decision(0.05) |
|------------------|----|--------|-----------|---------|------------------------|
| Negative Control | | 6.25 | 1 | 1.0000 | Non-Significant Effect |
| | | 12.5 | 1 | 1.0000 | Non-Significant Effect |
| | | 25 | 1 | 1.0000 | Non-Significant Effect |
| | | 50 | 1 | 1.0000 | Non-Significant Effect |
| | | 100 | 0.005418 | 0.0271 | Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 1 | 0.8 - NL | Yes | Result Within Limits |

Data Summary

| Conc-% | Control Type | No-Resp | Resp | Total |
|--------|----------------|---------|------|-------|
| 0 | Negative Contr | 10 | 0 | 10 |
| 6.25 | | 10 | 0 | 10 |
| 12.5 | | 10 | 0 | 10 |
| 25 | | 10 | 0 | 10 |
| 50 | | 10 | 0 | 10 |
| 100 | | 4 | 6 | 10 |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | Rep 6 | Rep 7 | Rep 8 | Rep 9 | Rep 10 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0 | Negative Control | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12.5 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 100 | | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |

CETIS Analytical Report

Report Date: 10 Jan-10 13:18 (p 2 of 2)
Test Code: 02-2609-6242/VCF1209075c

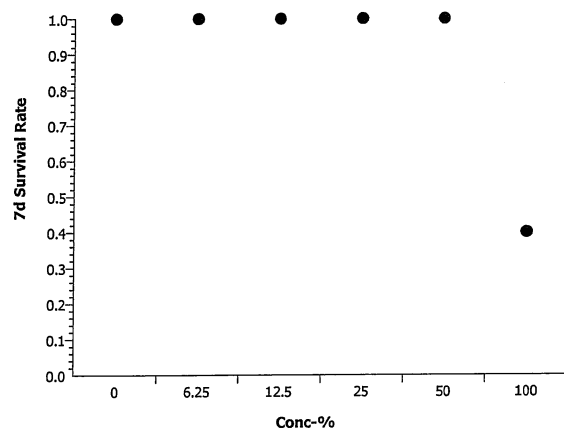
Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 13-6462-1326 Endpoint: 7d Survival Rate
Analyzed: 10 Jan-10 13:18 Analysis: STP 2x2 Contingency Tables

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 10 Jan-10 13:18 (p 1 of 2)
Test Code: 02-2609-6242/VCF1209075c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Batch ID: 21-4517-9568 Test Type: Reproduction-Survival (7d)
Start Date: 08 Dec-09 15:29 Protocol: EPA/821/R-02-013 (2002)
Ending Date: 15 Dec-09 15:29 Species: Ceriodaphnia dubia
Duration: 7d 0h Source: Aquatic Biosystems, CO

Analyst:
Diluent: Laboratory Water
Brine: Not Applicable
Age: <24H

Sample ID: 15-4407-1785 Code: VCF1209075c
Sample Date: 07 Dec-09 16:00 Material: Sample Water
Receive Date: 07 Dec-09 18:30 Source: Bioassay Report
Sample Age: 23h (3.3 °C) Station: MO-Ven-1

Client: VCWPD
Project: NPDES Stormwater Monitoring Progra

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 8 | 61 | 61 | 61 | 61 | 61 | 0 | 0 | 0.0% | 0 |
| 100 | | 8 | 30 | 30 | 30 | 30 | 30 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 45.5 | | | 30 | 61 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 353.1 | 350.3 | 355.9 | 339 | 365 | 1.367 | 8.202 | 2.32% | 0 |
| 6.25 | | 8 | 328.9 | 324.3 | 333.4 | 310 | 349 | 2.247 | 13.48 | 4.1% | 0 |
| 12.5 | | 8 | 315.6 | 312.1 | 319.1 | 304 | 335 | 1.713 | 10.28 | 3.26% | 0 |
| 25 | | 8 | 287.4 | 286.4 | 288.4 | 282 | 293 | 0.4955 | 2.973 | 1.04% | 0 |
| 50 | | 8 | 244.3 | 241.8 | 246.7 | 234 | 255 | 1.188 | 7.126 | 2.92% | 0 |
| 100 | | 8 | 142 | 138.8 | 145.2 | 133 | 158 | 1.558 | 9.35 | 6.59% | 0 |
| Overall | | 48 | 278.5 | | | 133 | 365 | | | | 0 (0%) |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 7.313 | 7.068 | 7.557 | 5.8 | 7.9 | 0.1203 | 0.722 | 9.87% | 0 |
| 6.25 | | 8 | 6.913 | 6.621 | 7.204 | 5.7 | 7.9 | 0.1438 | 0.8626 | 12.48% | 0 |
| 12.5 | | 8 | 6.925 | 6.648 | 7.202 | 5.6 | 7.8 | 0.1365 | 0.819 | 11.83% | 0 |
| 25 | | 8 | 6.988 | 6.736 | 7.239 | 5.7 | 7.8 | 0.1239 | 0.7434 | 10.64% | 0 |
| 50 | | 8 | 6.888 | 6.62 | 7.155 | 5.7 | 7.8 | 0.132 | 0.7918 | 11.5% | 0 |
| 100 | | 8 | 6.538 | 6.264 | 6.811 | 5.7 | 7.7 | 0.1345 | 0.807 | 12.34% | 0 |
| Overall | | 48 | 6.927 | | | 5.6 | 7.9 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 95.25 | 94.2 | 96.3 | 93 | 99 | 0.5175 | 3.105 | 3.26% | 0 |
| 100 | | 8 | 59 | 59 | 59 | 59 | 59 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 77.13 | | | 59 | 99 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 8.138 | 8.078 | 8.197 | 7.9 | 8.3 | 0.02946 | 0.1768 | 2.17% | 0 |
| 6.25 | | 8 | 7.925 | 7.858 | 7.992 | 7.6 | 8.2 | 0.03303 | 0.1982 | 2.5% | 0 |
| 12.5 | | 8 | 7.888 | 7.832 | 7.943 | 7.6 | 8.1 | 0.02737 | 0.1642 | 2.08% | 0 |
| 25 | | 8 | 7.8 | 7.764 | 7.836 | 7.6 | 7.9 | 0.01782 | 0.1069 | 1.37% | 0 |
| 50 | | 8 | 7.813 | 7.774 | 7.851 | 7.6 | 7.9 | 0.01877 | 0.1126 | 1.44% | 0 |
| 100 | | 8 | 7.8 | 7.756 | 7.844 | 7.6 | 7.9 | 0.02182 | 0.1309 | 1.68% | 0 |
| Overall | | 48 | 7.894 | | | 7.6 | 8.3 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 10 Jan-10 13:18 (p 2 of 2)

Test Code: 02-2609-6242/VCF1209075c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|------|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 24.18 | 24.09 | 24.26 | 24 | 24.8 | 0.04341 | 0.2605 | 1.08% | 0 |
| 6.25 | | 8 | 24.2 | 24.12 | 24.28 | 24 | 24.8 | 0.04178 | 0.2507 | 1.04% | 0 |
| 12.5 | | 8 | 24.23 | 24.14 | 24.31 | 24 | 24.8 | 0.04154 | 0.2493 | 1.03% | 0 |
| 25 | | 8 | 24.3 | 24.21 | 24.39 | 24 | 24.8 | 0.04629 | 0.2777 | 1.14% | 0 |
| 50 | | 8 | 24.24 | 24.12 | 24.35 | 24 | 25 | 0.0563 | 0.3378 | 1.39% | 0 |
| 100 | | 8 | 24.28 | 24.19 | 24.36 | 24 | 24.8 | 0.04249 | 0.2549 | 1.05% | 0 |
| Overall | | 48 | 24.24 | | | 24 | 25 | | | | 0 (0%) |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 |
| 100 | | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 339 | 358 | 355 | 345 | 350 | 355 | 358 | 365 |
| 6.25 | | 310 | 327 | 320 | 321 | 328 | 328 | 348 | 349 |
| 12.5 | | 306 | 317 | 304 | 309 | 314 | 315 | 325 | 335 |
| 25 | | 282 | 293 | 287 | 288 | 288 | 287 | 287 | 287 |
| 50 | | 234 | 243 | 238 | 239 | 245 | 250 | 250 | 255 |
| 100 | | 133 | 134 | 136 | 133 | 145 | 148 | 149 | 158 |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 7.8 | 7 | 7 | 7.3 | 7.8 | 7.9 | 7.9 | 5.8 |
| 6.25 | | 7.7 | 6.9 | 6.1 | 6.1 | 7.1 | 7.8 | 7.9 | 5.7 |
| 12.5 | | 7.7 | 7 | 6.6 | 6 | 7 | 7.7 | 7.8 | 5.6 |
| 25 | | 7.8 | 7 | 6.8 | 6.3 | 6.9 | 7.6 | 7.8 | 5.7 |
| 50 | | 7.8 | 6.9 | 6 | 6.5 | 6.9 | 7.5 | 7.8 | 5.7 |
| 100 | | 7.7 | 6.4 | 5.7 | 6.7 | 6.9 | 7.5 | 5.7 | 5.7 |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 99 | 99 | 99 | 93 | 93 | 93 | 93 | 93 |
| 100 | | 59 | 59 | 59 | 59 | 59 | 59 | 59 | 59 |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 8.3 | 7.9 | 7.9 | 8.3 | 8.3 | 8.2 | 8.2 | 8 |
| 6.25 | | 7.9 | 7.6 | 7.7 | 7.9 | 8 | 8.2 | 8.1 | 8 |
| 12.5 | | 7.9 | 7.7 | 7.6 | 7.9 | 8 | 8.1 | 8 | 7.9 |
| 25 | | 7.8 | 7.7 | 7.6 | 7.9 | 7.8 | 7.8 | 7.9 | 7.9 |
| 50 | | 7.8 | 7.7 | 7.6 | 7.8 | 7.9 | 7.9 | 7.9 | 7.9 |
| 100 | | 7.8 | 7.6 | 7.6 | 7.8 | 7.9 | 7.9 | 7.9 | 7.9 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|------|----|------|------|------|------|------|------|
| 0 | Negative Contr | 24.2 | 24 | 24 | 24.8 | 24.1 | 24.1 | 24.1 | 24.1 |
| 6.25 | | 24.2 | 24 | 24.1 | 24.8 | 24.1 | 24.2 | 24.1 | 24.1 |
| 12.5 | | 24.2 | 24 | 24.3 | 24.8 | 24.1 | 24.1 | 24.1 | 24.2 |
| 25 | | 24.4 | 24 | 24.6 | 24.8 | 24.1 | 24.1 | 24.2 | 24.2 |
| 50 | | 24.4 | 24 | 25 | 24 | 24 | 24.2 | 24.1 | 24.2 |
| 100 | | 24.5 | 24 | 24.2 | 24.8 | 24.2 | 24.2 | 24.1 | 24.2 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

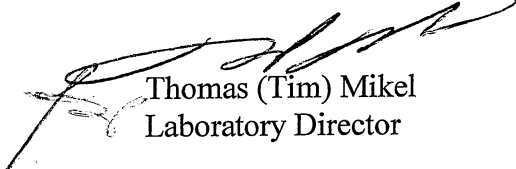
We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms* EPA-821-R-02-013. Results were as follows:

| | |
|----------------|------------------------------|
| CLIENT: | Ventura County Flood Control |
| SAMPLE I.D.: | MO-Ven-1 |
| DATE RECEIVED: | 12/7/2009 |
| ABC LAB. NO.: | VCF1209.075 |

CHRONIC FATHEAD SURVIVAL & GROWTH BIOASSAY

| | | |
|--------------|--------------------|-----------|
| SURVIVAL | NOEC = | 100.00 % |
| | TU _c = | 1.00 |
| | IC ₂₅ = | >100.00 % |
| | IC ₅₀ = | >100.00 % |
| REPRODUCTION | NOEC = | <6.25 % |
| | TU _c = | >16.00 |
| | IC ₂₅ = | 5.55 % |
| | IC ₅₀ = | >100.00 % |

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 10 Jan-10 12:43 (p 1 of 4)
Test Code: 08-2454-6987/VCF1209075f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-------------------|------------|----------------------------------|-------------------|------------------------------------|
| Analysis ID: | 02-5012-6266 | Endpoint: | Mean Dry Biomass-mg | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 10 Jan-10 12:42 | Analysis: | Parametric-Control vs Treatments | Official Results: | Yes |
| Batch ID: | 02-3426-9212 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 15:29 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 15 Dec-09 15:29 | Species: | Pimephales promelas | Brine: | Not Applicable |
| Duration: | 7d 0h | Source: | Aquatic Biosystems, CO | Age: | <24H |
| Sample ID: | 05-1859-9677 | Code: | VCF1209075f | Client: | VCWPD |
| Sample Date: | 07 Jan-09 16:00 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Jan-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 334d 23h (3.3 °C) | Station: | MO-Ven-1 | | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|-------|------|------|-----|-------|
| Untransformed | 0 | C > T | Not Run | <6.25 | 6.25 | N/A | >16 | 14.4% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|---------|---------|--------------------|
| Negative Control | | 6.25* | 5.634 | 2.407 | 0.04195 | <0.0001 | Significant Effect |
| | | 12.5* | 4.83 | 2.407 | 0.04195 | 0.0003 | Significant Effect |
| | | 25* | 3.845 | 2.407 | 0.04195 | 0.0026 | Significant Effect |
| | | 50* | 4.534 | 2.407 | 0.04195 | 0.0006 | Significant Effect |
| | | 100* | 5.701 | 2.407 | 0.04195 | <0.0001 | Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.2913 | 0.25 - NL | Yes | Result Within Limits |
| PMSD | 0.144 | 0.12 - 0.3 | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 1.751 | 2.802 | 1.0000 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|--------------|----|--------|---------|--------------------|
| Between | 0.02734024 | 0.005468049 | 5 | 9.004 | 0.0002 | Significant Effect |
| Error | 0.01093132 | 0.0006072955 | 18 | | | |
| Total | 0.03827156 | 0.006075345 | 23 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 1.319 | 15.09 | 0.9330 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 0.3455 | 4.248 | 0.8785 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9447 | | 0.2073 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.1568 | 0.2056 | 0.1299 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.4909 | 2.576 | 0.6235 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 1.743 | 2.576 | 0.0813 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 3.281 | 9.21 | 0.1939 | Normal Distribution |

Mean Dry Biomass-mg Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|---------|---------|--------|--------|----------|---------|--------|--------|
| 0 | Negative Control | 4 | 0.2913 | 0.2818 | 0.3009 | 0.2713 | 0.328 | 0.004675 | 0.02518 | 8.64% | 0.0% |
| 6.25 | | 4 | 0.1932 | 0.1845 | 0.2018 | 0.1733 | 0.216 | 0.004212 | 0.02268 | 11.74% | 33.7% |
| 12.5 | | 4 | 0.2072 | 0.1961 | 0.2182 | 0.1807 | 0.2453 | 0.005412 | 0.02914 | 14.07% | 28.89% |
| 25 | | 4 | 0.2243 | 0.2187 | 0.23 | 0.2107 | 0.2393 | 0.002743 | 0.01477 | 6.58% | 23.0% |
| 50 | | 4 | 0.2123 | 0.2017 | 0.223 | 0.1747 | 0.24 | 0.005188 | 0.02794 | 13.16% | 27.12% |
| 100 | | 4 | 0.192 | 0.1823 | 0.2017 | 0.168 | 0.2207 | 0.004726 | 0.02545 | 13.25% | 34.1% |

CETIS Analytical Report

Report Date: 10 Jan-10 12:43 (p 2 of 4)
Test Code: 08-2454-6987/VCF1209075f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

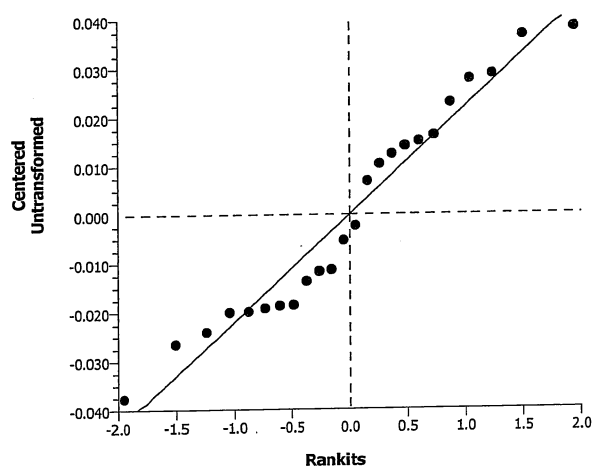
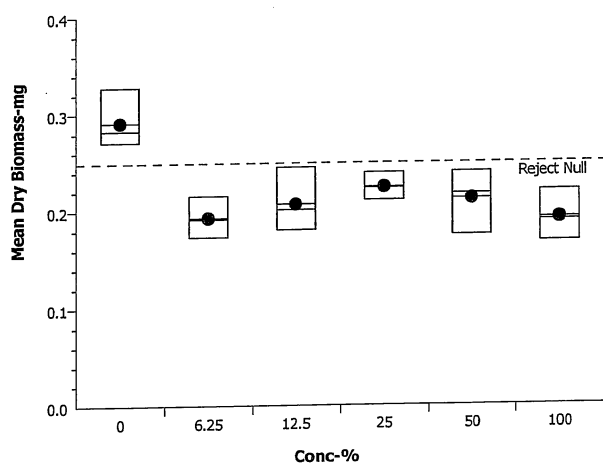
Analysis ID: 02-5012-6266
Analyzed: 10 Jan-10 12:42
Endpoint: Mean Dry Biomass-mg
Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 0.286 | 0.328 | 0.2713 | 0.28 |
| 6.25 | | 0.2093 | 0.216 | 0.1733 | 0.174 |
| 12.5 | | 0.2453 | 0.1807 | 0.214 | 0.1887 |
| 25 | | 0.2127 | 0.2347 | 0.2393 | 0.2107 |
| 50 | | 0.24 | 0.21 | 0.1747 | 0.2247 |
| 100 | | 0.1733 | 0.168 | 0.206 | 0.2207 |

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 12:43 (p 3 of 4)
Test Code: 08-2454-6987/VCF1209075f

| Fathead Minnow 7-d Larval Survival and Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | |
|--|-------------------|------------|----------------------------------|--|------------------------------------|
| Analysis ID: | 15-8004-6599 | Endpoint: | 7d Survival Rate | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 10 Jan-10 12:42 | Analysis: | Parametric-Control vs Treatments | Official Results: | Yes |
| Batch ID: | 02-3426-9212 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 15:29 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 15 Dec-09 15:29 | Species: | Pimephales promelas | Brine: | Not Applicable |
| Duration: | 7d 0h | Source: | Aquatic Biosystems, CO | Age: | <24H |
| Sample ID: | 05-1859-9677 | Code: | VCF1209075f | Client: | VCWPD |
| Sample Date: | 07 Jan-09 16:00 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Jan-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 334d 23h (3.3 °C) | Station: | MO-Ven-1 | | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|---------------------|------|---------|-------------|------|------|------|----|--------|
| Angular (Corrected) | 0 | C > T | Not Run | 100 | >100 | N/A | 1 | 11.52% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-% | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|--------|-----------|----------|--------|---------|------------------------|
| Negative Control | | 6.25 | 0 | 2.407 | 0.2064 | 0.8333 | Non-Significant Effect |
| | | 12.5 | 1.096 | 2.407 | 0.2064 | 0.3801 | Non-Significant Effect |
| | | 25 | 0.3284 | 2.407 | 0.2064 | 0.7191 | Non-Significant Effect |
| | | 50 | 1.533 | 2.407 | 0.2064 | 0.2176 | Non-Significant Effect |
| | | 100 | 0.7123 | 2.407 | 0.2064 | 0.5524 | Non-Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.9833 | 0.8 - NL | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 2.319 | 2.802 | 0.3399 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|------------------------|
| Between | 0.0565404 | 0.01130808 | 5 | 0.7688 | 0.5843 | Non-Significant Effect |
| Error | 0.2647561 | 0.01470867 | 18 | | | |
| Total | 0.3212965 | 0.02601675 | 23 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 4.922 | 15.09 | 0.4255 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 1.514 | 4.248 | 0.2350 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9481 | | 0.2468 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.2039 | 0.2056 | 0.0111 | Normal Distribution |
| Distribution | D'Agostino Skewness | 1.302 | 2.576 | 0.1929 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 0.1076 | 2.576 | 0.9143 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 1.707 | 9.21 | 0.4260 | Normal Distribution |

CETIS Analytical Report

Report Date: 10 Jan-10 12:43 (p 4 of 4)
Test Code: 08-2454-6987/VCF1209075f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 15-8004-6599 Endpoint: 7d Survival Rate
Analyzed: 10 Jan-10 12:42 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

7d Survival Rate Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|---------|---------|--------|-----|---------|---------|--------|-------|
| 0 | Negative Control | 4 | 0.9833 | 0.9707 | 0.996 | 0.9333 | 1 | 0.00619 | 0.03333 | 3.39% | 0.0% |
| 6.25 | | 4 | 0.9833 | 0.9707 | 0.996 | 0.9333 | 1 | 0.00619 | 0.03333 | 3.39% | 0.0% |
| 12.5 | | 4 | 0.9333 | 0.9126 | 0.954 | 0.8667 | 1 | 0.01011 | 0.05443 | 5.83% | 5.09% |
| 25 | | 4 | 0.9667 | 0.9413 | 0.992 | 0.8667 | 1 | 0.01238 | 0.06667 | 6.9% | 1.7% |
| 50 | | 4 | 0.9 | 0.8514 | 0.9486 | 0.7333 | 1 | 0.02371 | 0.1277 | 14.18% | 8.48% |
| 100 | | 4 | 0.95 | 0.9257 | 0.9743 | 0.8667 | 1 | 0.01185 | 0.06383 | 6.72% | 3.39% |

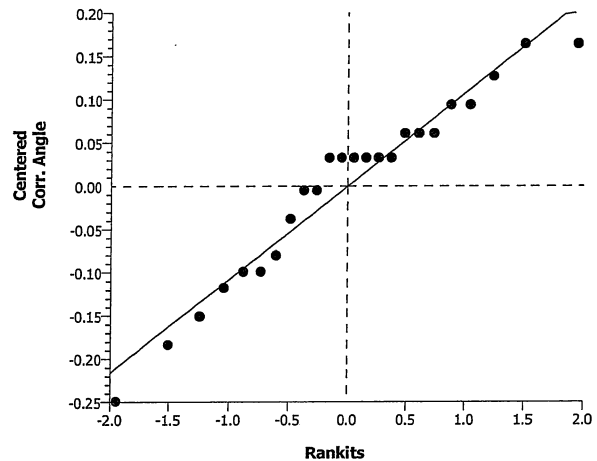
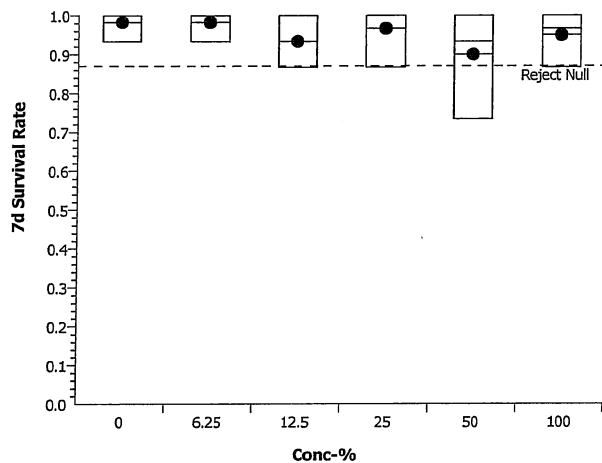
Angular (Corrected) Transformed Summary

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|----------------|-------|-------|---------|---------|-------|-------|---------|---------|--------|-------|
| 0 | Negative Contr | 4 | 1.408 | 1.383 | 1.433 | 1.31 | 1.441 | 0.01223 | 0.06585 | 4.68% | 0.0% |
| 6.25 | | 4 | 1.408 | 1.383 | 1.433 | 1.31 | 1.441 | 0.01223 | 0.06585 | 4.68% | 0.0% |
| 12.5 | | 4 | 1.314 | 1.276 | 1.352 | 1.197 | 1.441 | 0.01855 | 0.0999 | 7.6% | 6.68% |
| 25 | | 4 | 1.38 | 1.334 | 1.427 | 1.197 | 1.441 | 0.02269 | 0.1222 | 8.85% | 2.0% |
| 50 | | 4 | 1.277 | 1.2 | 1.354 | 1.028 | 1.441 | 0.0375 | 0.2019 | 15.81% | 9.33% |
| 100 | | 4 | 1.347 | 1.302 | 1.392 | 1.197 | 1.441 | 0.02189 | 0.1179 | 8.75% | 4.34% |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 0.9333 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 0.9333 | 1 |
| 12.5 | | 1 | 0.8667 | 0.9333 | 0.9333 |
| 25 | | 0.8667 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 0.7333 | 0.8667 |
| 100 | | 0.8667 | 1 | 0.9333 | 1 |

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 12:43 (p 1 of 4)
Test Code: 08-2454-6987/VCF1209075f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|---|
| Analysis ID: 15-1250-8716 | Endpoint: Mean Dry Biomass-mg | CETIS Version: CETISv1.7.0 |
| Analyzed: 10 Jan-10 12:42 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 02-3426-9212 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 15:29 | Protocol: EPA/821/R-02-013 (2002) | Diluent: Laboratory Water |
| Ending Date: 15 Dec-09 15:29 | Species: Pimephales promelas | Brine: Not Applicable |
| Duration: 7d 0h | Source: Aquatic Biosystems, CO | Age: <24H |
| Sample ID: 05-1859-9677 | Code: VCF1209075f | Client: VCWPD |
| Sample Date: 07 Jan-09 16:00 | Material: Sample Water | Project: NPDES Stormwater Monitoring Progra |
| Receive Date: 07 Jan-09 18:30 | Source: Bioassay Report | |
| Sample Age: 334d 23h (3.3 °C) | Station: MO-Ven-1 | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|--------|-----------|------------|-------------------------|
| Linear | Linear | 140176 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.2913 | 0.25 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 1.751 | 2.802 | 1.0000 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|-------|---------|---------|-------|---------|---------|
| IC5 | 1.109 | 0.8017 | 1.612 | 90.16 | 62.03 | 124.7 |
| IC10 | 2.218 | 1.603 | 3.224 | 45.08 | 31.02 | 62.37 |
| IC15 | 3.327 | 2.405 | 4.836 | 30.05 | 20.68 | 41.58 |
| IC20 | 4.436 | 3.207 | 6.448 | 22.54 | 15.51 | 31.19 |
| IC25 | 5.546 | 4.008 | 126.4 | 18.03 | 0.791 | 24.95 |
| IC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| IC50 | >100 | N/A | N/A | <1 | N/A | N/A |

Mean Dry Biomass-mg Summary

Calculated Variate

| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
|--------|------------------|-------|--------|--------|--------|----------|---------|--------|--------|
| 0 | Negative Control | 4 | 0.2913 | 0.2713 | 0.328 | 0.004596 | 0.02518 | 8.64% | 0.0% |
| 6.25 | | 4 | 0.1932 | 0.1733 | 0.216 | 0.004141 | 0.02268 | 11.74% | 33.7% |
| 12.5 | | 4 | 0.2072 | 0.1807 | 0.2453 | 0.005321 | 0.02914 | 14.07% | 28.89% |
| 25 | | 4 | 0.2243 | 0.2107 | 0.2393 | 0.002697 | 0.01477 | 6.58% | 23.0% |
| 50 | | 4 | 0.2123 | 0.1747 | 0.24 | 0.005101 | 0.02794 | 13.16% | 27.12% |
| 100 | | 4 | 0.192 | 0.168 | 0.2207 | 0.004646 | 0.02545 | 13.25% | 34.1% |

Mean Dry Biomass-mg Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 0.286 | 0.328 | 0.2713 | 0.28 |
| 6.25 | | 0.2093 | 0.216 | 0.1733 | 0.174 |
| 12.5 | | 0.2453 | 0.1807 | 0.214 | 0.1887 |
| 25 | | 0.2127 | 0.2347 | 0.2393 | 0.2107 |
| 50 | | 0.24 | 0.21 | 0.1747 | 0.2247 |
| 100 | | 0.1733 | 0.168 | 0.206 | 0.2207 |

CETIS Analytical Report

Report Date: 10 Jan-10 12:43 (p 2 of 4)
Test Code: 08-2454-6987/CF1209075f

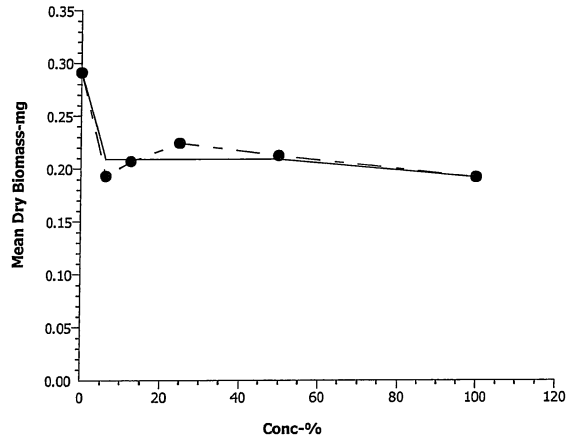
Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 15-1250-8716 Endpoint: Mean Dry Biomass-mg
Analyzed: 10 Jan-10 12:42 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 10 Jan-10 12:43 (p 3 of 4)
Test Code: 08-2454-6987/VCF1209075f

| Fathead Minnow 7-d Larval Survival and Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | |
|--|-------------------|------------|------------------------------|--|------------------------------------|
| Analysis ID: | 03-7308-4864 | Endpoint: | 7d Survival Rate | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 10 Jan-10 12:42 | Analysis: | Linear Interpolation (ICPIN) | Official Results: | Yes |
| Batch ID: | 02-3426-9212 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 15:29 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 15 Dec-09 15:29 | Species: | Pimephales promelas | Brine: | Not Applicable |
| Duration: | 7d 0h | Source: | Aquatic Biosystems, CO | Age: | <24H |
| Sample ID: | 05-1859-9677 | Code: | VCF1209075f | Client: | VCWPD |
| Sample Date: | 07 Jan-09 16:00 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Jan-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 334d 23h (3.3 °C) | Station: | MO-Ven-1 | | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 7747401 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.9833 | 0.8 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 2.319 | 2.802 | 0.3399 | No Outliers Detected |

Point Estimates

| Level | % | 95% LCL | 95% UCL | TU | 95% LCL | 95% UCL |
|-------|-------|---------|---------|-------|---------|---------|
| EC5 | 40.83 | N/A | N/A | 2.449 | N/A | N/A |
| EC10 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC15 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC20 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC25 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC40 | >100 | N/A | N/A | <1 | N/A | N/A |
| EC50 | >100 | N/A | N/A | <1 | N/A | N/A |

7d Survival Rate Summary

| | | | Calculated Variate(A/B) | | | | | | | | A | B |
|--------|------------------|-------|-------------------------|--------|-----|----------|---------|--------|-------|--|----|----|
| Conc-% | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | | | |
| 0 | Negative Control | 4 | 0.9833 | 0.9333 | 1 | 0.006086 | 0.03333 | 3.39% | 0.0% | | 59 | 60 |
| 6.25 | | 4 | 0.9833 | 0.9333 | 1 | 0.006086 | 0.03333 | 3.39% | 0.0% | | 59 | 60 |
| 12.5 | | 4 | 0.9333 | 0.8667 | 1 | 0.009938 | 0.05443 | 5.83% | 5.09% | | 56 | 60 |
| 25 | | 4 | 0.9667 | 0.8667 | 1 | 0.01217 | 0.06667 | 6.9% | 1.7% | | 58 | 60 |
| 50 | | 4 | 0.9 | 0.7333 | 1 | 0.02331 | 0.1277 | 14.18% | 8.48% | | 54 | 60 |
| 100 | | 4 | 0.95 | 0.8667 | 1 | 0.01165 | 0.06383 | 6.72% | 3.39% | | 57 | 60 |

7d Survival Rate Detail

| Conc-% | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|--------|------------------|--------|--------|--------|--------|
| 0 | Negative Control | 0.9333 | 1 | 1 | 1 |
| 6.25 | | 1 | 1 | 0.9333 | 1 |
| 12.5 | | 1 | 0.8667 | 0.9333 | 0.9333 |
| 25 | | 0.8667 | 1 | 1 | 1 |
| 50 | | 1 | 1 | 0.7333 | 0.8667 |
| 100 | | 0.8667 | 1 | 0.9333 | 1 |

CETIS Analytical Report

Report Date: 10 Jan-10 12:43 (p 4 of 4)
Test Code: 08-2454-6987/CF1209075f

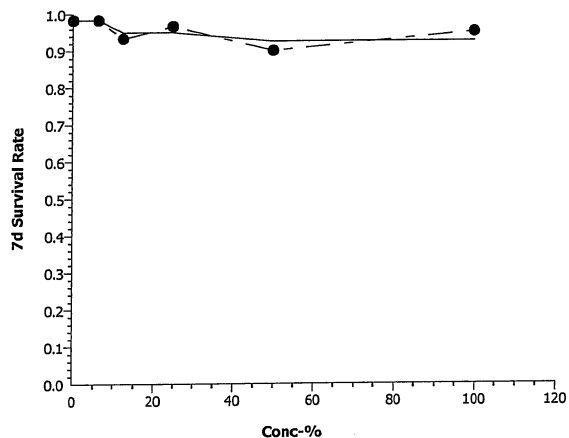
Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 03-7308-4864 Endpoint: 7d Survival Rate
Analyzed: 10 Jan-10 12:42 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 10 Jan-10 12:43 (p 1 of 2)
Test Code: 08-2454-6987/VCF1209075f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-------------------|------------|-------------------------|----------|------------------------------------|
| Batch ID: | 02-3426-9212 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 15:29 | Protocol: | EPA/821/R-02-013 (2002) | Diluent: | Laboratory Water |
| Ending Date: | 15 Dec-09 15:29 | Species: | Pimephales promelas | Brine: | Not Applicable |
| Duration: | 7d 0h | Source: | Aquatic Biosystems, CO | Age: | <24H |
| Sample ID: | 05-1859-9677 | Code: | VCF1209075f | Client: | VCWPD |
| Sample Date: | 07 Jan-09 16:00 | Material: | Sample Water | Project: | NPDES Stormwater Monitoring Progra |
| Receive Date: | 07 Jan-09 18:30 | Source: | Bioassay Report | | |
| Sample Age: | 334d 23h (3.3 °C) | Station: | MO-Ven-1 | | |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 8 | 61 | 61 | 61 | 61 | 61 | 0 | 0 | 0.0% | 0 |
| 100 | | 8 | 30 | 30 | 30 | 30 | 30 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 45.5 | | | 30 | 61 | | | | 0 (0%) |

Conductivity-µmhos

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 353.1 | 350.3 | 355.9 | 339 | 365 | 1.367 | 8.202 | 2.32% | 0 |
| 6.25 | | 8 | 328.9 | 324.3 | 333.4 | 310 | 349 | 2.247 | 13.48 | 4.1% | 0 |
| 12.5 | | 8 | 315.6 | 312.1 | 319.1 | 304 | 335 | 1.713 | 10.28 | 3.26% | 0 |
| 25 | | 8 | 287.4 | 286.4 | 288.4 | 282 | 293 | 0.4955 | 2.973 | 1.04% | 0 |
| 50 | | 8 | 244.3 | 241.8 | 246.7 | 234 | 255 | 1.188 | 7.126 | 2.92% | 0 |
| 100 | | 8 | 142 | 138.8 | 145.2 | 133 | 158 | 1.558 | 9.35 | 6.59% | 0 |
| Overall | | 48 | 278.5 | | | 133 | 365 | | | | 0 (0%) |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 8 | 7.313 | 7.068 | 7.557 | 5.8 | 7.9 | 0.1203 | 0.722 | 9.87% | 0 |
| 6.25 | | 8 | 6.913 | 6.621 | 7.204 | 5.7 | 7.9 | 0.1438 | 0.8626 | 12.48% | 0 |
| 12.5 | | 8 | 6.925 | 6.648 | 7.202 | 5.6 | 7.8 | 0.1365 | 0.819 | 11.83% | 0 |
| 25 | | 8 | 6.988 | 6.736 | 7.239 | 5.7 | 7.8 | 0.1239 | 0.7434 | 10.64% | 0 |
| 50 | | 8 | 6.888 | 6.62 | 7.155 | 5.7 | 7.8 | 0.132 | 0.7918 | 11.5% | 0 |
| 100 | | 8 | 6.538 | 6.264 | 6.811 | 5.7 | 7.7 | 0.1345 | 0.807 | 12.34% | 0 |
| Overall | | 48 | 6.927 | | | 5.6 | 7.9 | | | | 0 (0%) |

Hardness (CaCO3)-mg/L

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 95.25 | 94.2 | 96.3 | 93 | 99 | 0.5175 | 3.105 | 3.26% | 0 |
| 100 | | 8 | 59 | 59 | 59 | 59 | 59 | 0 | 0 | 0.0% | 0 |
| Overall | | 16 | 77.13 | | | 59 | 99 | | | | 0 (0%) |

pH-Units

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 8.138 | 8.078 | 8.197 | 7.9 | 8.3 | 0.02946 | 0.1768 | 2.17% | 0 |
| 6.25 | | 8 | 7.925 | 7.858 | 7.992 | 7.6 | 8.2 | 0.03303 | 0.1982 | 2.5% | 0 |
| 12.5 | | 8 | 7.888 | 7.832 | 7.943 | 7.6 | 8.1 | 0.02737 | 0.1642 | 2.08% | 0 |
| 25 | | 8 | 7.8 | 7.764 | 7.836 | 7.6 | 7.9 | 0.01782 | 0.1069 | 1.37% | 0 |
| 50 | | 8 | 7.813 | 7.774 | 7.851 | 7.6 | 7.9 | 0.01877 | 0.1126 | 1.44% | 0 |
| 100 | | 8 | 7.8 | 7.756 | 7.844 | 7.6 | 7.9 | 0.02182 | 0.1309 | 1.68% | 0 |
| Overall | | 48 | 7.894 | | | 7.6 | 8.3 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 10 Jan-10 12:43 (p 2 of 2)
Test Code: 08-2454-6987/VCF1209075f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

| Conc-% | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|---------|----------------|-------|-------|---------|---------|-----|------|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 24.18 | 24.09 | 24.26 | 24 | 24.8 | 0.04341 | 0.2605 | 1.08% | 0 |
| 6.25 | | 8 | 24.2 | 24.12 | 24.28 | 24 | 24.8 | 0.04178 | 0.2507 | 1.04% | 0 |
| 12.5 | | 8 | 24.23 | 24.14 | 24.31 | 24 | 24.8 | 0.04154 | 0.2493 | 1.03% | 0 |
| 25 | | 8 | 24.3 | 24.21 | 24.39 | 24 | 24.8 | 0.04629 | 0.2777 | 1.14% | 0 |
| 50 | | 8 | 24.24 | 24.12 | 24.35 | 24 | 25 | 0.0563 | 0.3378 | 1.39% | 0 |
| 100 | | 8 | 24.28 | 24.19 | 24.36 | 24 | 24.8 | 0.04249 | 0.2549 | 1.05% | 0 |
| Overall | | 48 | 24.24 | | | 24 | 25 | | | | 0 (0%) |

Alkalinity (CaCO3)-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 |
| 100 | | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |

Conductivity-µmhos

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 339 | 358 | 355 | 345 | 350 | 355 | 358 | 365 |
| 6.25 | | 310 | 327 | 320 | 321 | 328 | 328 | 348 | 349 |
| 12.5 | | 306 | 317 | 304 | 309 | 314 | 315 | 325 | 335 |
| 25 | | 282 | 293 | 287 | 288 | 288 | 287 | 287 | 287 |
| 50 | | 234 | 243 | 238 | 239 | 245 | 250 | 250 | 255 |
| 100 | | 133 | 134 | 136 | 133 | 145 | 148 | 149 | 158 |

Dissolved Oxygen-mg/L

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 7.8 | 7 | 7 | 7.3 | 7.8 | 7.9 | 7.9 | 5.8 |
| 6.25 | | 7.7 | 6.9 | 6.1 | 6.1 | 7.1 | 7.8 | 7.9 | 5.7 |
| 12.5 | | 7.7 | 7 | 6.6 | 6 | 7 | 7.7 | 7.8 | 5.6 |
| 25 | | 7.8 | 7 | 6.8 | 6.3 | 6.9 | 7.6 | 7.8 | 5.7 |
| 50 | | 7.8 | 6.9 | 6 | 6.5 | 6.9 | 7.5 | 7.8 | 5.7 |
| 100 | | 7.7 | 6.4 | 5.7 | 6.7 | 6.9 | 7.5 | 5.7 | 5.7 |

Hardness (CaCO3)-mg/L

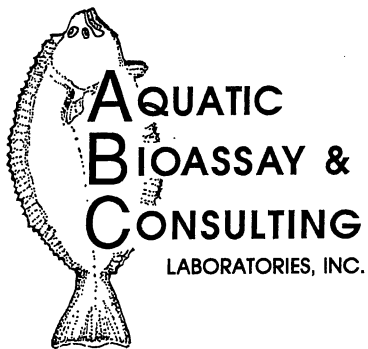
| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 99 | 99 | 99 | 93 | 93 | 93 | 93 | 93 |
| 100 | | 59 | 59 | 59 | 59 | 59 | 59 | 59 | 59 |

pH-Units

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 8.3 | 7.9 | 7.9 | 8.3 | 8.3 | 8.2 | 8.2 | 8 |
| 6.25 | | 7.9 | 7.6 | 7.7 | 7.9 | 8 | 8.2 | 8.1 | 8 |
| 12.5 | | 7.9 | 7.7 | 7.6 | 7.9 | 8 | 8.1 | 8 | 7.9 |
| 25 | | 7.8 | 7.7 | 7.6 | 7.9 | 7.8 | 7.8 | 7.9 | 7.9 |
| 50 | | 7.8 | 7.7 | 7.6 | 7.8 | 7.9 | 7.9 | 7.9 | 7.9 |
| 100 | | 7.8 | 7.6 | 7.6 | 7.8 | 7.9 | 7.9 | 7.9 | 7.9 |

Temperature-°C

| Conc-% | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------|----------------|------|----|------|------|------|------|------|------|
| 0 | Negative Contr | 24.2 | 24 | 24 | 24.8 | 24.1 | 24.1 | 24.1 | 24.1 |
| 6.25 | | 24.2 | 24 | 24.1 | 24.8 | 24.1 | 24.2 | 24.1 | 24.1 |
| 12.5 | | 24.2 | 24 | 24.3 | 24.8 | 24.1 | 24.1 | 24.1 | 24.2 |
| 25 | | 24.4 | 24 | 24.6 | 24.8 | 24.1 | 24.1 | 24.2 | 24.2 |
| 50 | | 24.4 | 24 | 25 | 24 | 24 | 24.2 | 24.1 | 24.2 |
| 100 | | 24.5 | 24 | 24.2 | 24.8 | 24.2 | 24.2 | 24.1 | 24.2 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC KELP GERMINATION & GROWTH BIOASSAY

DATE: 8 December- 09

STANDARD TOXICANT: Copper Chloride

ENDPOINT: GERMINATION

NOEC = 32.00 ug/l

IC25 = 109.20 ug/l

IC50 = 169.50 ug/l

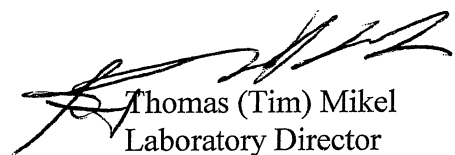
ENDPOINT: GROWTH-LENGTH

NOEC = 100.00 ug/l

IC25 = 180.80 ug/l

IC50 = 227.20 ug/l

Yours very truly,



Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 11 Jan-10 12:36 (p 1 of 4)
Test Code: 06-6908-4427/KLP120809

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 12-9974-3868
Analyzed: 11 Jan-10 12:35
Endpoint: Mean Length
Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

Batch ID: 12-3363-7000
Start Date: 08 Dec-09 15:10
Ending Date: 10 Dec-09 15:10
Duration: 48h
Test Type: Growth-Germination
Protocol: EPA/600/R-95/136 (1995)
Species: Macrocystis pyrifera
Source: David Gutoff

Analyst:
Diluent: Laboratory Seawater
Brine: Not Applicable
Age:

Sample ID: 10-6440-0951
Sample Date: 08 Dec-09 12:00
Receive Date: 08 Dec-09 12:00
Sample Age: 3h
Code: KLP120809
Material: Copper chloride
Source: Reference Toxicant
Station:

Client: Internal Lab
Project:

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|-------|----|-------|
| Untransformed | 0 | C > T | Not Run | 100 | 180 | 134.2 | | 6.22% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-µg/L | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|-----------|-----------|----------|--------|---------|------------------------|
| Negative Control | | 5.6 | 1.24 | 2.362 | 0.9908 | 0.3184 | Non-Significant Effect |
| | | 18 | 0.4291 | 2.362 | 0.9908 | 0.6774 | Non-Significant Effect |
| | | 32 | 0.5721 | 2.362 | 0.9908 | 0.6151 | Non-Significant Effect |
| | | 100 | 0.8104 | 2.362 | 0.9908 | 0.5061 | Non-Significant Effect |
| | | 180* | 9.344 | 2.362 | 0.9908 | <0.0001 | Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 15.94 | 10 - NL | Yes | Result Within Limits |
| NOEL | 100 | NL - 35 | No | Result Above Limit |
| PMSD | 0.06216 | NL - 0.2 | No | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 2.055 | 2.908 | 1.0000 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|--------------------|
| Between | 56.67867 | 11.33574 | 5 | 25.76 | <0.0001 | Significant Effect |
| Error | 10.56 | 0.4400001 | 24 | | | |
| Total | 67.23868 | 11.77574 | 29 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 6.113 | 15.09 | 0.2953 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 2.955 | 4.248 | 0.0405 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9773 | | 0.7508 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.07777 | 0.1853 | 1.0000 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.3698 | 2.576 | 0.7116 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 0.4315 | 2.576 | 0.6661 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 0.3229 | 9.21 | 0.8509 | Normal Distribution |

Mean Length Summary

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|-----------|------------------|-------|-------|---------|---------|------|------|---------|---------|-------|--------|
| 0 | Negative Control | 5 | 15.94 | 15.58 | 16.3 | 14.7 | 17.1 | 0.1769 | 0.9529 | 5.98% | 0.0% |
| 5.6 | | 5 | 15.42 | 15.25 | 15.59 | 14.8 | 16 | 0.08137 | 0.4382 | 2.84% | 3.26% |
| 18 | | 5 | 15.76 | 15.54 | 15.98 | 15.2 | 16.5 | 0.1055 | 0.5683 | 3.61% | 1.13% |
| 32 | | 5 | 15.7 | 15.35 | 16.05 | 14.5 | 16.7 | 0.1687 | 0.9083 | 5.79% | 1.51% |
| 100 | | 5 | 15.6 | 15.48 | 15.72 | 15.3 | 16.1 | 0.05872 | 0.3162 | 2.03% | 2.13% |
| 180 | | 5 | 12.02 | 11.81 | 12.23 | 11.4 | 12.6 | 0.1003 | 0.5404 | 4.5% | 24.59% |
| 320 | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100.0% |



CETIS Analytical Report

Report Date: 11 Jan-10 12:36 (p 2 of 4)
 Test Code: 06-6908-4427/KLP120809

Macrocyctis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

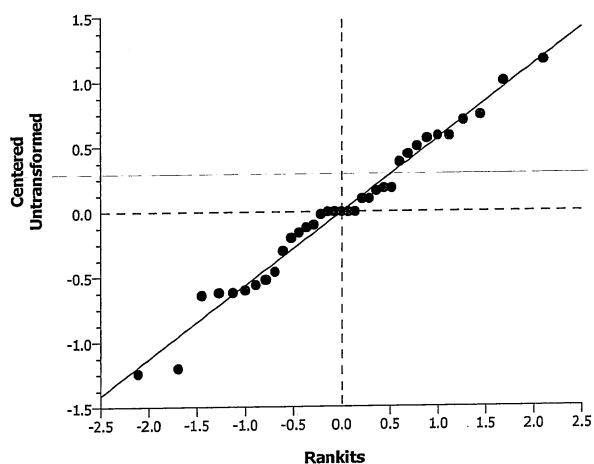
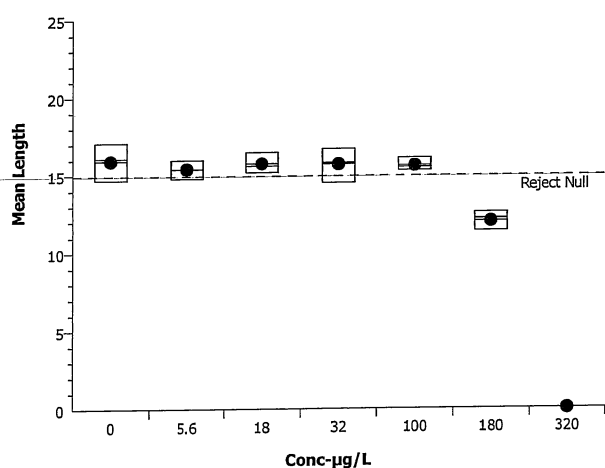
Analysis ID: 12-9974-3868 Endpoint: Mean Length
 Analyzed: 11 Jan-10 12:35 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
 Official Results: Yes

Mean Length Detail

| Conc-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|-----------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 15.3 | 14.7 | 16.1 | 16.5 | 17.1 |
| 5.6 | | 15.3 | 15.6 | 14.8 | 15.4 | 16 |
| 18 | | 15.3 | 16.2 | 15.6 | 16.5 | 15.2 |
| 32 | | 16.7 | 16.4 | 15.8 | 15.1 | 14.5 |
| 100 | | 15.7 | 16.1 | 15.5 | 15.3 | 15.4 |
| 180 | | 11.4 | 12.2 | 12.4 | 12.6 | 11.5 |
| 320 | | 0 | 0 | 0 | 0 | 0 |

Graphics



CETIS Analytical Report

Report Date: 11 Jan-10 12:36 (p 3 of 4)

Test Code: 06-6908-4427/KLP120809

Macrocystis Germination and Germ Tube Growth Test Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|---|------------------------------|
| Analysis ID: 13-5275-2679 | Endpoint: Germination Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 11 Jan-10 12:35 | Analysis: Nonparametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 12-3363-7000 | Test Type: Growth-Germination | Analyst: |
| Start Date: 08 Dec-09 15:10 | Protocol: EPA/600/R-95/136 (1995) | Diluent: Laboratory Seawater |
| Ending Date: 10 Dec-09 15:10 | Species: Macrocystis pyrifera | Brine: Not Applicable |
| Duration: 48h | Source: David Gutoff | Age: |
| Sample ID: 10-6440-0951 | Code: KLP120809 | Client: Internal Lab |
| Sample Date: 08 Dec-09 12:00 | Material: Copper chloride | Project: |
| Receive Date: 08 Dec-09 12:00 | Source: Reference Toxicant | |
| Sample Age: 3h | Station: | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|---------------------|------|---------|-------------|------|------|-------|----|-------|
| Angular (Corrected) | 0 | C > T | Not Run | 32 | 100 | 56.57 | | 7.42% |

Steel Many-One Rank Test

| Control | vs | Conc-µg/L | Test Stat | Critical | Ties | P-Value | Decision(5%) |
|------------------|----|-----------|-----------|----------|------|---------|------------------------|
| Negative Control | | 5.6 | 25.5 | 16 | 2 | 0.6807 | Non-Significant Effect |
| | | 18 | 27 | 16 | 0 | 0.8003 | Non-Significant Effect |
| | | 32 | 21 | 16 | 1 | 0.2625 | Non-Significant Effect |
| | | 100* | 15 | 16 | 0 | 0.0191 | Significant Effect |
| | | 180* | 15 | 16 | 0 | 0.0191 | Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.916 | 0.7 - NL | Yes | Result Within Limits |
| PMSD | 0.07421 | NL - 0.2 | No | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 2.867 | 2.908 | 0.0600 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|--------------------|
| Between | 1.355877 | 0.2711754 | 5 | 52.64 | <0.0001 | Significant Effect |
| Error | 0.1236471 | 0.005151961 | 24 | | | |
| Total | 1.479524 | 0.2763273 | 29 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 19.82 | 15.09 | 0.0014 | Unequal Variances |
| Variances | Mod Levene Equality of Variance | 4.464 | 4.248 | 0.0081 | Unequal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9383 | | 0.0818 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.1389 | 0.1853 | 0.1435 | Normal Distribution |
| Distribution | D'Agostino Skewness | 1.421 | 2.576 | 0.1552 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 2.017 | 2.576 | 0.0437 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 6.087 | 9.21 | 0.0477 | Normal Distribution |

CETIS Analytical Report

Report Date: 11 Jan-10 12:36 (p 4 of 4)
Test Code: 06-6908-4427/KLP120809

Macrocyctis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 13-5275-2679
Analyzed: 11 Jan-10 12:35

Endpoint: Germination Rate
Analysis: Nonparametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

Germination Rate Summary

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|-----------|------------------|-------|-------|---------|---------|------|------|----------|---------|--------|--------|
| 0 | Negative Control | 5 | 0.916 | 0.9109 | 0.9211 | 0.91 | 0.94 | 0.002491 | 0.01342 | 1.47% | 0.0% |
| 5.6 | | 5 | 0.906 | 0.8961 | 0.9159 | 0.88 | 0.94 | 0.004842 | 0.02608 | 2.88% | 1.09% |
| 18 | | 5 | 0.906 | 0.8944 | 0.9176 | 0.86 | 0.93 | 0.005663 | 0.0305 | 3.37% | 1.09% |
| 32 | | 5 | 0.904 | 0.8976 | 0.9104 | 0.89 | 0.93 | 0.003107 | 0.01673 | 1.85% | 1.31% |
| 100 | | 5 | 0.722 | 0.7105 | 0.7335 | 0.68 | 0.76 | 0.005632 | 0.03033 | 4.2% | 21.18% |
| 180 | | 5 | 0.418 | 0.3618 | 0.4742 | 0.24 | 0.56 | 0.02743 | 0.1477 | 35.34% | 54.37% |
| 320 | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100.0% |

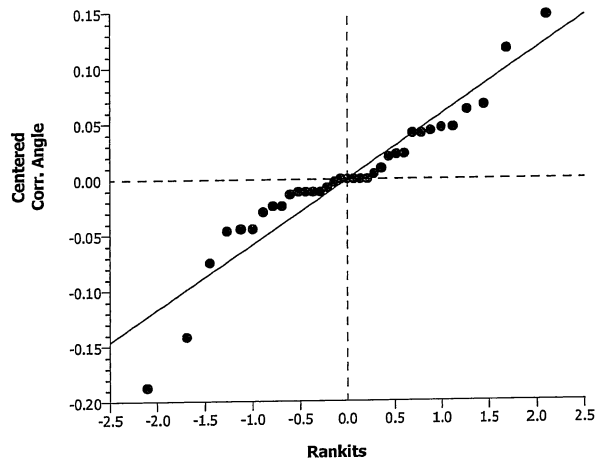
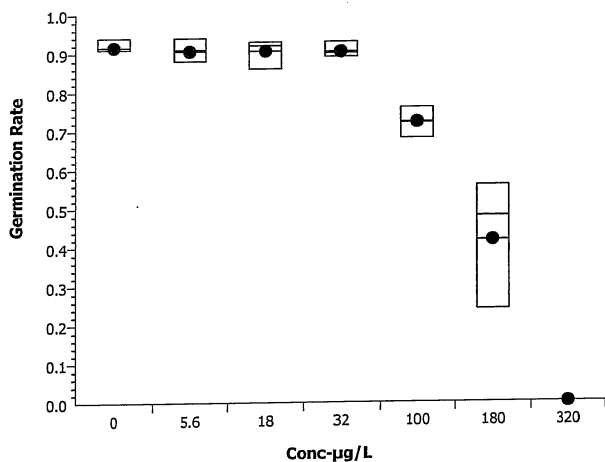
Angular (Corrected) Transformed Summary

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|-----------|----------------|-------|---------|---------|---------|---------|---------|----------|---------|--------|--------|
| 0 | Negative Contr | 5 | 1.278 | 1.268 | 1.287 | 1.266 | 1.323 | 0.004752 | 0.02559 | 2.0% | 0.0% |
| 5.6 | | 5 | 1.262 | 1.244 | 1.279 | 1.217 | 1.323 | 0.00846 | 0.04556 | 3.61% | 1.26% |
| 18 | | 5 | 1.262 | 1.243 | 1.281 | 1.187 | 1.303 | 0.009418 | 0.05072 | 4.02% | 1.22% |
| 32 | | 5 | 1.257 | 1.246 | 1.268 | 1.233 | 1.303 | 0.005448 | 0.02934 | 2.33% | 1.63% |
| 100 | | 5 | 1.016 | 1.003 | 1.029 | 0.9695 | 1.059 | 0.006285 | 0.03385 | 3.33% | 20.48% |
| 180 | | 5 | 0.6992 | 0.6407 | 0.7576 | 0.512 | 0.8455 | 0.02853 | 0.1536 | 21.97% | 45.27% |
| 320 | | 5 | 0.05002 | 0.05002 | 0.05002 | 0.05002 | 0.05002 | 0 | 0 | 0.0% | 96.08% |

Germination Rate Detail

| Conc-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|-----------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 0.91 | 0.91 | 0.94 | 0.91 | 0.91 |
| 5.6 | | 0.88 | 0.88 | 0.92 | 0.94 | 0.91 |
| 18 | | 0.89 | 0.86 | 0.93 | 0.92 | 0.93 |
| 32 | | 0.89 | 0.91 | 0.93 | 0.89 | 0.9 |
| 100 | | 0.72 | 0.68 | 0.76 | 0.74 | 0.71 |
| 180 | | 0.28 | 0.56 | 0.24 | 0.48 | 0.53 |
| 320 | | 0 | 0 | 0 | 0 | 0 |

Graphics



CETIS Analytical Report

Report Date: 11 Jan-10 12:36 (p 1 of 4)
Test Code: 06-6908-4427/KLP120809

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|-------------------------------|--|------------------------------|
| Analysis ID: 07-2423-6947 | Endpoint: Mean Length | CETIS Version: CETISv1.7.0 |
| Analyzed: 11 Jan-10 12:35 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 12-3363-7000 | Test Type: Growth-Germination | Analyst: |
| Start Date: 08 Dec-09 15:10 | Protocol: EPA/600/R-95/136 (1995) | Diluent: Laboratory Seawater |
| Ending Date: 10 Dec-09 15:10 | Species: Macrocystis pyrifera | Brine: Not Applicable |
| Duration: 48h | Source: David Gutoff | Age: |
| Sample ID: 10-6440-0951 | Code: KLP120809 | Client: Internal Lab |
| Sample Date: 08 Dec-09 12:00 | Material: Copper chloride | Project: |
| Receive Date: 08 Dec-09 12:00 | Source: Reference Toxicant | |
| Sample Age: 3h | Station: | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 4687001 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 15.94 | 10 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 2.225 | 2.978 | 0.7553 | No Outliers Detected |

Point Estimates

| Level | µg/L | 95% LCL | 95% UCL |
|-------|-------|---------|---------|
| IC5 | 110.2 | N/A | 122.7 |
| IC10 | 128 | 100.8 | 142.6 |
| IC15 | 145.8 | 119.6 | 162.7 |
| IC20 | 163.6 | 138.8 | 182.8 |
| IC25 | 180.8 | 158.7 | 190.4 |
| IC40 | 208.6 | 197.7 | 216.4 |
| IC50 | 227.2 | 218 | 233.6 |

Mean Length Summary

Calculated Variate

| Conc-µg/L | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
|-----------|------------------|-------|-------|------|------|---------|---------|-------|--------|
| 0 | Negative Control | 5 | 15.94 | 14.7 | 17.1 | 0.174 | 0.9529 | 5.98% | 0.0% |
| 5.6 | | 5 | 15.42 | 14.8 | 16 | 0.08 | 0.4382 | 2.84% | 3.26% |
| 18 | | 5 | 15.76 | 15.2 | 16.5 | 0.1038 | 0.5683 | 3.61% | 1.13% |
| 32 | | 5 | 15.7 | 14.5 | 16.7 | 0.1658 | 0.9083 | 5.79% | 1.51% |
| 100 | | 5 | 15.6 | 15.3 | 16.1 | 0.05774 | 0.3162 | 2.03% | 2.13% |
| 180 | | 5 | 12.02 | 11.4 | 12.6 | 0.09866 | 0.5404 | 4.5% | 24.59% |
| 320 | | 5 | 0 | 0 | 0 | 0 | 0 | | 100.0% |

Mean Length Detail

| Conc-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|-----------|------------------|-------|-------|-------|-------|-------|
| 0 | Negative Control | 15.3 | 14.7 | 16.1 | 16.5 | 17.1 |
| 5.6 | | 15.3 | 15.6 | 14.8 | 15.4 | 16 |
| 18 | | 15.3 | 16.2 | 15.6 | 16.5 | 15.2 |
| 32 | | 16.7 | 16.4 | 15.8 | 15.1 | 14.5 |
| 100 | | 15.7 | 16.1 | 15.5 | 15.3 | 15.4 |
| 180 | | 11.4 | 12.2 | 12.4 | 12.6 | 11.5 |
| 320 | | 0 | 0 | 0 | 0 | 0 |

CETIS Analytical Report

Report Date: 11 Jan-10 12:36 (p 2 of 4)
Test Code: 06-6908-4427/KLP120809

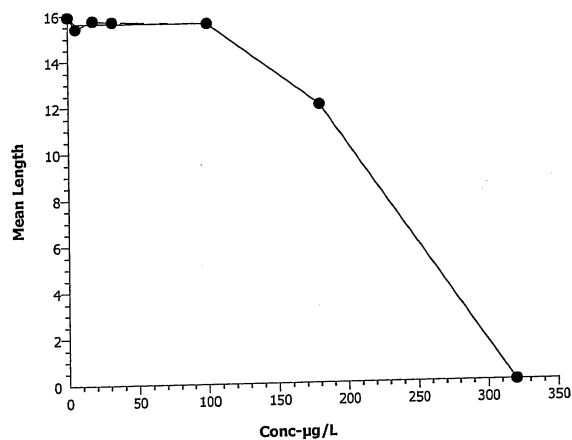
Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 07-2423-6947 Endpoint: Mean Length
Analyzed: 11 Jan-10 12:35 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 11 Jan-10 12:36 (p 3 of 4)
Test Code: 06-6908-4427/KLP120809

| Macrocystis Germination and Germ Tube Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | |
|---|-----------------|------------|------------------------------|--|---------------------|
| Analysis ID: | 08-4403-8289 | Endpoint: | Germination Rate | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 11 Jan-10 12:35 | Analysis: | Linear Interpolation (ICPIN) | Official Results: | Yes |
| Batch ID: | 12-3363-7000 | Test Type: | Growth-Germination | Analyst: | |
| Start Date: | 08 Dec-09 15:10 | Protocol: | EPA/600/R-95/136 (1995) | Diluent: | Laboratory Seawater |
| Ending Date: | 10 Dec-09 15:10 | Species: | Macrocystis pyrifera | Brine: | Not Applicable |
| Duration: | 48h | Source: | David Gutoff | Age: | |
| Sample ID: | 10-6440-0951 | Code: | KLP120809 | Client: | Internal Lab |
| Sample Date: | 08 Dec-09 12:00 | Material: | Copper chloride | Project: | |
| Receive Date: | 08 Dec-09 12:00 | Source: | Reference Toxicant | | |
| Sample Age: | 3h | Station: | | | |

| Linear Interpolation Options | | | | | |
|------------------------------|-------------|---------|-----------|------------|-------------------------|
| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
| Linear | Linear | 4687001 | 280 | Yes | Two-Point Interpolation |

| Test Acceptability | | | | |
|--------------------|-----------|------------|---------|----------------------|
| Attribute | Test Stat | TAC Limits | Overlap | Decision |
| Control Resp | 0.916 | 0.7 - NL | Yes | Result Within Limits |

| Point Estimates | | | |
|-----------------|-------|---------|---------|
| Level | µg/L | 95% LCL | 95% UCL |
| EC5 | 44.63 | 34.1 | 49.96 |
| EC10 | 61.74 | 51.43 | 68.75 |
| EC15 | 78.85 | 68.05 | 88.52 |
| EC20 | 95.96 | 83.62 | 106.2 |
| EC25 | 109.2 | 100.4 | 119.9 |
| EC40 | 145.4 | 126.2 | 184.5 |
| EC50 | 169.5 | 142.4 | 213.3 |

| Germination Rate Summary | | | Calculated Variate(A/B) | | | | | | | | |
|--------------------------|------------------|-------|-------------------------|------|------|----------|---------|--------|--------|-----|-----|
| Conc-µg/L | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | A | B |
| 0 | Negative Control | 5 | 0.916 | 0.91 | 0.94 | 0.002449 | 0.01342 | 1.47% | 0.0% | 458 | 500 |
| 5.6 | | 5 | 0.906 | 0.88 | 0.94 | 0.004761 | 0.02608 | 2.88% | 1.09% | 453 | 500 |
| 18 | | 5 | 0.906 | 0.86 | 0.93 | 0.005568 | 0.0305 | 3.37% | 1.09% | 453 | 500 |
| 32 | | 5 | 0.904 | 0.89 | 0.93 | 0.003055 | 0.01673 | 1.85% | 1.31% | 452 | 500 |
| 100 | | 5 | 0.722 | 0.68 | 0.76 | 0.005538 | 0.03033 | 4.2% | 21.18% | 361 | 500 |
| 180 | | 5 | 0.418 | 0.24 | 0.56 | 0.02697 | 0.1477 | 35.34% | 54.37% | 208 | 500 |
| 320 | | 5 | 0 | 0 | 0 | 0 | 0 | | 100.0% | 0 | 500 |

| Germination Rate Detail | | | | | | |
|-------------------------|------------------|-------|-------|-------|-------|-------|
| Conc-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
| 0 | Negative Control | 0.91 | 0.91 | 0.94 | 0.91 | 0.91 |
| 5.6 | | 0.88 | 0.88 | 0.92 | 0.94 | 0.91 |
| 18 | | 0.89 | 0.86 | 0.93 | 0.92 | 0.93 |
| 32 | | 0.89 | 0.91 | 0.93 | 0.89 | 0.9 |
| 100 | | 0.72 | 0.68 | 0.76 | 0.74 | 0.71 |
| 180 | | 0.28 | 0.56 | 0.24 | 0.48 | 0.53 |
| 320 | | 0 | 0 | 0 | 0 | 0 |

CETIS Analytical Report

Report Date: 11 Jan-10 12:36 (p 4 of 4)
Test Code: 06-6908-4427/KLP120809

Macrocystis Germination and Germ Tube Growth Test

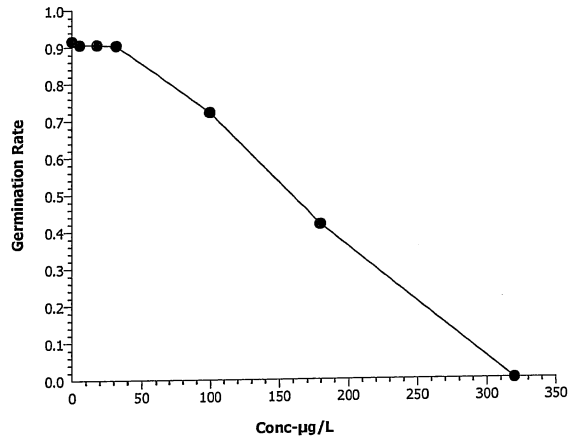
Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 08-4403-8289
Analyzed: 11 Jan-10 12:35

Endpoint: Germination Rate
Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 11 Jan-10 12:36 (p 1 of 2)
Test Code: 06-6908-4427/KLP120809

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | | | | |
|---------------|-----------------|------------|-------------------------|----------|---------------------|
| Batch ID: | 12-3363-7000 | Test Type: | Growth-Germination | Analyst: | |
| Start Date: | 08 Dec-09 15:10 | Protocol: | EPA/600/R-95/136 (1995) | Diluent: | Laboratory Seawater |
| Ending Date: | 10 Dec-09 15:10 | Species: | Macrocystis pyrifera | Brine: | Not Applicable |
| Duration: | 48h | Source: | David Gutoff | Age: | |
| Sample ID: | 10-6440-0951 | Code: | KLP120809 | Client: | Internal Lab |
| Sample Date: | 08 Dec-09 12:00 | Material: | Copper chloride | Project: | |
| Receive Date: | 08 Dec-09 12:00 | Source: | Reference Toxicant | | |
| Sample Age: | 3h | Station: | | | |

Dissolved Oxygen-mg/L

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 2 | 6.95 | 6.495 | 7.405 | 6 | 7.9 | 0.2239 | 1.344 | 19.33% | 0 |
| 5.6 | | 2 | 6.7 | 6.174 | 7.226 | 5.6 | 7.8 | 0.2593 | 1.556 | 23.22% | 0 |
| 18 | | 2 | 6.8 | 6.369 | 7.231 | 5.9 | 7.7 | 0.2121 | 1.273 | 18.72% | 0 |
| 32 | | 2 | 6.05 | 5.787 | 6.313 | 5.5 | 6.6 | 0.1296 | 0.7778 | 12.86% | 0 |
| 100 | | 2 | 6.4 | 6.161 | 6.639 | 5.9 | 6.9 | 0.1179 | 0.7071 | 11.05% | 0 |
| 180 | | 2 | 6.5 | 6.117 | 6.883 | 5.7 | 7.3 | 0.1886 | 1.131 | 17.41% | 0 |
| 320 | | 2 | 6.05 | 5.835 | 6.265 | 5.6 | 6.5 | 0.1061 | 0.6364 | 10.52% | 0 |
| Overall | | 14 | 6.493 | | | 5.5 | 7.9 | | | | 0 (0%) |

pH-Units

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 2 | 43.95 | 26.7 | 61.2 | 7.9 | 80 | 8.497 | 50.98 | 116.0% | 0 |
| 5.6 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 18 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 32 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 100 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 180 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 320 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| Overall | | 14 | 13.09 | | | 7.9 | 80 | | | | 0 (0%) |

Salinity-ppt

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 5.6 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 18 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 32 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 180 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 320 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 14 | 34 | | | 34 | 34 | | | | 0 (0%) |

Temperature-°C

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|------|------|---------|---------|-------|----------|
| 0 | Negative Contr | 2 | 14.95 | 14.93 | 14.97 | 14.9 | 15 | 0.01179 | 0.07075 | 0.47% | 0 |
| 5.6 | | 2 | 14.95 | 14.93 | 14.97 | 14.9 | 15 | 0.01179 | 0.07075 | 0.47% | 0 |
| 18 | | 2 | 15 | 14.95 | 15.05 | 14.9 | 15.1 | 0.02357 | 0.1414 | 0.94% | 0 |
| 32 | | 2 | 15 | 14.95 | 15.05 | 14.9 | 15.1 | 0.02357 | 0.1414 | 0.94% | 0 |
| 100 | | 2 | 14.95 | 14.93 | 14.97 | 14.9 | 15 | 0.01179 | 0.07075 | 0.47% | 0 |
| 180 | | 2 | 14.95 | 14.93 | 14.97 | 14.9 | 15 | 0.01179 | 0.07075 | 0.47% | 0 |
| 320 | | 2 | 15 | 14.95 | 15.05 | 14.9 | 15.1 | 0.02357 | 0.1414 | 0.94% | 0 |
| Overall | | 14 | 14.97 | | | 14.9 | 15.1 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 11 Jan-10 12:36 (p 2 of 2)
Test Code: 06-6908-4427/KLP120809

Macrocyctis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

| Conc-µg/L | Control Type | 1 | 2 |
|-----------|----------------|-----|-----|
| 0 | Negative Contr | 7.9 | 6 |
| 5.6 | | 7.8 | 5.6 |
| 18 | | 7.7 | 5.9 |
| 32 | | 6.6 | 5.5 |
| 100 | | 6.9 | 5.9 |
| 180 | | 7.3 | 5.7 |
| 320 | | 6.5 | 5.6 |

pH-Units

| Conc-µg/L | Control Type | 1 | 2 |
|-----------|----------------|----|-----|
| 0 | Negative Contr | 80 | 7.9 |
| 5.6 | | 8 | 7.9 |
| 18 | | 8 | 7.9 |
| 32 | | 8 | 7.9 |
| 100 | | 8 | 7.9 |
| 180 | | 8 | 7.9 |
| 320 | | 8 | 7.9 |

Salinity-ppt

| Conc-µg/L | Control Type | 1 | 2 |
|-----------|----------------|----|----|
| 0 | Negative Contr | 34 | 34 |
| 5.6 | | 34 | 34 |
| 18 | | 34 | 34 |
| 32 | | 34 | 34 |
| 100 | | 34 | 34 |
| 180 | | 34 | 34 |
| 320 | | 34 | 34 |

Temperature-°C

| Conc-µg/L | Control Type | 1 | 2 |
|-----------|----------------|------|------|
| 0 | Negative Contr | 14.9 | 15 |
| 5.6 | | 14.9 | 15 |
| 18 | | 14.9 | 15.1 |
| 32 | | 14.9 | 15.1 |
| 100 | | 14.9 | 15 |
| 180 | | 14.9 | 15 |
| 320 | | 14.9 | 15.1 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

DATE: 8 December - 09

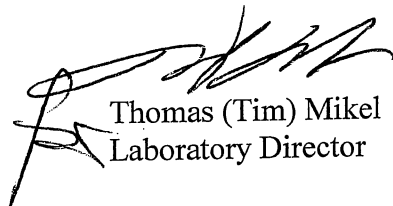
STANDARD TOXICANT: Copper Chloride

NOEC = 0.18 ug/l

IC25 = 56.00 ug/l

IC50 = 76.37 ug/l

Yours very truly,



Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 11 Jan-10 10:10 (p 1 of 2)

Test Code: 03-1398-3400/URCF120809

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|------------------------------|--|------------------------------|
| Analysis ID: 15-1519-7512 | Endpoint: Fertilization Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 11 Jan-10 10:10 | Analysis: Parametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 08-3702-9510 | Test Type: Fertilization | Analyst: |
| Start Date: 08 Dec-09 12:00 | Protocol: EPA/600/R-95/136 (1995) | Diluent: Laboratory Seawater |
| Ending Date: 08 Dec-09 13:00 | Species: Strongylocentrotus purpuratus | Brine: Not Applicable |
| Duration: 60m | Source: David Gutoff | Age: |
| Sample ID: 15-8656-5563 | Code: URCF120809 | Client: Internal Lab |
| Sample Date: 08 Dec-09 | Material: Copper chloride | Project: |
| Receive Date: 08 Dec-09 | Source: Reference Toxicant | |
| Sample Age: 12h | Station: REF TOX | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|---------------------|------|---------|-------------|------|------|------|----|-------|
| Angular (Corrected) | 0 | C > T | Not Run | 18 | 32 | 24 | | 2.28% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-µg/L | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|------|-----------|-----------|----------|--------|---------|------------------------|
| Negative Control | 18 | | 0 | 2.356 | 0.1015 | 0.8000 | Non-Significant Effect |
| | 32* | | 3.076 | 2.356 | 0.1015 | 0.0127 | Significant Effect |
| | 56* | | 10.97 | 2.356 | 0.1015 | <0.0001 | Significant Effect |
| | 100* | | 24.37 | 2.356 | 0.1015 | <0.0001 | Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 1 | 0.7 - NL | Yes | Result Within Limits |
| PMSD | 0.02279 | NL - 0.25 | No | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 2.209 | 2.708 | 0.3750 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|--------------------|
| Between | 3.181463 | 0.7953656 | 4 | 214.2 | <0.0001 | Significant Effect |
| Error | 0.05570288 | 0.003713525 | 15 | | | |
| Total | 3.237165 | 0.7990792 | 19 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Mod Levene Equality of Variance | 4.07 | 4.893 | 0.0198 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9224 | | 0.1103 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.2 | 0.2235 | 0.0351 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.2564 | 2.576 | 0.7977 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 1.334 | 2.576 | 0.1822 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 1.846 | 9.21 | 0.3974 | Normal Distribution |

CETIS Analytical Report

Report Date: 11 Jan-10 10:10 (p 2 of 2)
Test Code: 03-1398-3400/URCF120809

Aquatic Bioassay & Consulting Labs, Inc.

Purple Sea Urchin Sperm Cell Fertilization Test

Analysis ID: 15-1519-7512 Endpoint: Fertilization Rate
Analyzed: 11 Jan-10 10:10 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

Fertilization Rate Summary

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|-----------|------------------|-------|--------|---------|---------|------|------|----------|---------|-------|--------|
| 0 | Negative Control | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 18 | | 4 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% |
| 32 | | 4 | 0.9625 | 0.9507 | 0.9743 | 0.92 | 0.99 | 0.005749 | 0.03096 | 3.22% | 3.75% |
| 56 | | 4 | 0.75 | 0.7339 | 0.7661 | 0.71 | 0.8 | 0.007878 | 0.04243 | 5.66% | 25.0% |
| 100 | | 4 | 0.21 | 0.18 | 0.24 | 0.12 | 0.31 | 0.01462 | 0.07874 | 37.5% | 79.0% |
| 180 | | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100.0% |

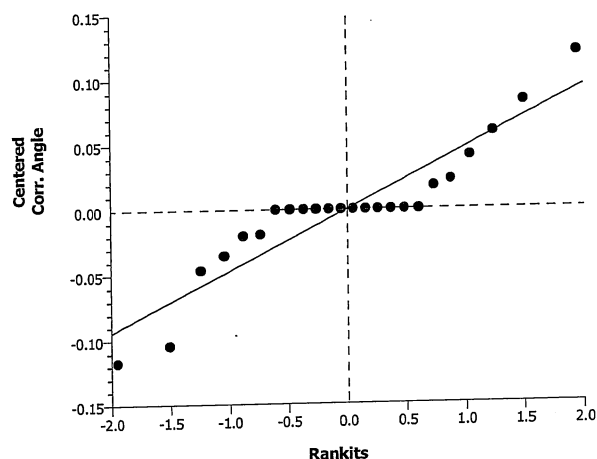
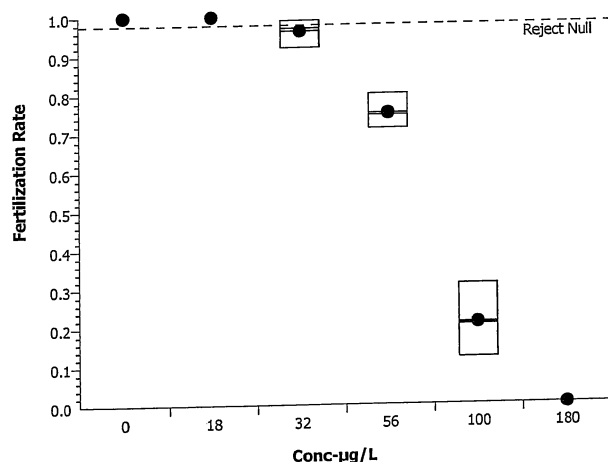
Angular (Corrected) Transformed Summary

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|-----------|----------------|-------|---------|---------|---------|---------|---------|----------|---------|--------|--------|
| 0 | Negative Contr | 4 | 1.521 | 1.521 | 1.521 | 1.521 | 1.521 | 0 | 0 | 0.0% | 0.0% |
| 18 | | 4 | 1.521 | 1.521 | 1.521 | 1.521 | 1.521 | 0 | 0 | 0.0% | 0.0% |
| 32 | | 4 | 1.388 | 1.357 | 1.419 | 1.284 | 1.471 | 0.01503 | 0.08094 | 5.83% | 8.71% |
| 56 | | 4 | 1.048 | 1.029 | 1.067 | 1.002 | 1.107 | 0.009176 | 0.04942 | 4.71% | 31.07% |
| 100 | | 4 | 0.4709 | 0.4336 | 0.5081 | 0.3537 | 0.5905 | 0.01817 | 0.09785 | 20.78% | 69.04% |
| 180 | | 4 | 0.05002 | 0.05002 | 0.05002 | 0.05002 | 0.05002 | 0 | 0 | 0.0% | 96.71% |

Fertilization Rate Detail

| Conc-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|-----------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 1 | 1 | 1 |
| 18 | | 1 | 1 | 1 | 1 |
| 32 | | 0.99 | 0.98 | 0.92 | 0.96 |
| 56 | | 0.71 | 0.8 | 0.72 | 0.77 |
| 100 | | 0.31 | 0.12 | 0.19 | 0.22 |
| 180 | | 0 | 0 | 0 | 0 |

Graphics



CETIS Analytical Report

Report Date: 11 Jan-10 10:10 (p 1 of 2)

Test Code: 03-1398-3400/URCF120809

Purple Sea Urchin Sperm Cell Fertilization Test Aquatic Bioassay & Consulting Labs, Inc.

| | | |
|------------------------------|--|------------------------------|
| Analysis ID: 05-8861-5399 | Endpoint: Fertilization Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 11 Jan-10 10:10 | Analysis: Linear Interpolation (ICPIN) | Official Results: Yes |
| Batch ID: 08-3702-9510 | Test Type: Fertilization | Analyst: |
| Start Date: 08 Dec-09 12:00 | Protocol: EPA/600/R-95/136 (1995) | Diluent: Laboratory Seawater |
| Ending Date: 08 Dec-09 13:00 | Species: Strongylocentrotus purpuratus | Brine: Not Applicable |
| Duration: 60m | Source: David Guttoff | Age: |
| Sample ID: 15-8656-5563 | Code: URCF120809 | Client: Internal Lab |
| Sample Date: 08 Dec-09 | Material: Copper chloride | Project: |
| Receive Date: 08 Dec-09 | Source: Reference Toxicant | |
| Sample Age: 12h | Station: REF TOX | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 3640187 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 1 | 0.7 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 2.431 | 2.802 | 0.2293 | No Outliers Detected |

Point Estimates

| Level | µg/L | 95% LCL | 95% UCL |
|-------|-------|---------|---------|
| EC5 | 33.41 | 25.98 | 36.75 |
| EC10 | 39.06 | 34.88 | 42.57 |
| EC15 | 44.71 | 40.72 | 49.2 |
| EC20 | 50.35 | 46.2 | 56.23 |
| EC25 | 56 | 50.57 | 60.57 |
| EC40 | 68.22 | 64.43 | 72.37 |
| EC50 | 76.37 | 72.31 | 81.42 |

Fertilization Rate Summary

| | | Calculated Variate(A/B) | | | | | | | | A | B |
|-----------|------------------|-------------------------|--------|------|------|----------|---------|-------|--------|-----|-----|
| Conc-µg/L | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | | |
| 0 | Negative Control | 4 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 400 | 400 |
| 18 | | 4 | 1 | 1 | 1 | 0 | 0 | 0.0% | 0.0% | 400 | 400 |
| 32 | | 4 | 0.9625 | 0.92 | 0.99 | 0.005652 | 0.03096 | 3.22% | 3.75% | 385 | 400 |
| 56 | | 4 | 0.75 | 0.71 | 0.8 | 0.007746 | 0.04243 | 5.66% | 25.0% | 300 | 400 |
| 100 | | 4 | 0.21 | 0.12 | 0.31 | 0.01438 | 0.07874 | 37.5% | 79.0% | 84 | 400 |
| 180 | | 4 | 0 | 0 | 0 | 0 | 0 | | 100.0% | 0 | 400 |

Fertilization Rate Detail

| Conc-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|-----------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 1 | 1 | 1 | 1 |
| 18 | | 1 | 1 | 1 | 1 |
| 32 | | 0.99 | 0.98 | 0.92 | 0.96 |
| 56 | | 0.71 | 0.8 | 0.72 | 0.77 |
| 100 | | 0.31 | 0.12 | 0.19 | 0.22 |
| 180 | | 0 | 0 | 0 | 0 |

CETIS Analytical Report

Report Date: 11 Jan-10 10:10 (p 2 of 2)
Test Code: 03-1398-3400/URCF120809

Purple Sea Urchin Sperm Cell Fertilization Test

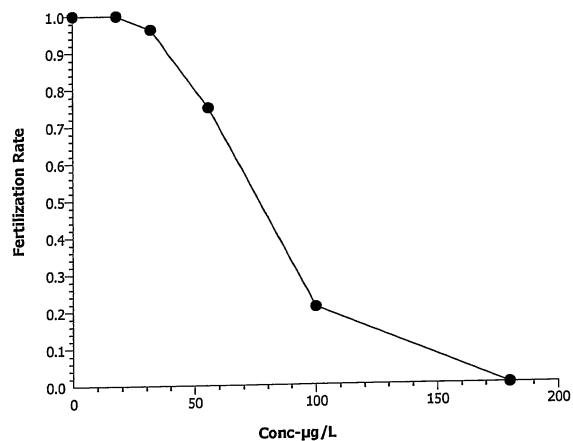
Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 05-8861-5399
Analyzed: 11 Jan-10 10:10

Endpoint: Fertilization Rate
Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 11 Jan-10 10:10 (p 1 of 2)
Test Code: 03-1398-3400/URCF120809

Aquatic Bioassay & Consulting Labs, Inc.

Purple Sea Urchin Sperm Cell Fertilization Test

Batch ID: 08-3702-9510
Start Date: 08 Dec-09 12:00
Ending Date: 08 Dec-09 13:00
Duration: 60m
Test Type: Fertilization
Protocol: EPA/600/R-95/136 (1995)
Species: Strongylocentrotus purpuratus
Source: David Gutoff

Analyst:
Diluent: Laboratory Seawater
Brine: Not Applicable
Age:

Sample ID: 15-8656-5563
Sample Date: 08 Dec-09
Receive Date: 08 Dec-09
Sample Age: 12h
Code: URCF120809
Material: Copper chloride
Source: Reference Toxicant
Station: REF TOX

Client: Internal Lab
Project:

Parameter Acceptability

| Parameter | Min | Max | Acceptability Limits | Overlap | Decision |
|----------------|------|-----|----------------------|---------|-----------------------|
| Salinity-ppt | 34 | 34 | 32 - 36 | Yes | Results Within Limits |
| Temperature-°C | 14.9 | 15 | 11 - 13 | Yes | Results Above Limit |

Dissolved Oxygen-mg/L

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|----------|
| 0 | Negative Contr | 2 | 6.95 | 6.495 | 7.405 | 6 | 7.9 | 0.2239 | 1.344 | 19.33% | 0 |
| 18 | | 2 | 6.55 | 6.048 | 7.052 | 5.5 | 7.6 | 0.2475 | 1.485 | 22.67% | 0 |
| 32 | | 2 | 6.6 | 6.121 | 7.079 | 5.6 | 7.6 | 0.2357 | 1.414 | 21.43% | 0 |
| 56 | | 2 | 6.4 | 6.017 | 6.783 | 5.6 | 7.2 | 0.1886 | 1.131 | 17.68% | 0 |
| 100 | | 2 | 6.5 | 6.117 | 6.883 | 5.7 | 7.3 | 0.1886 | 1.131 | 17.41% | 0 |
| 180 | | 2 | 6.45 | 6.043 | 6.857 | 5.6 | 7.3 | 0.2003 | 1.202 | 18.64% | 0 |
| Overall | | 12 | 6.575 | | | 5.5 | 7.9 | | | | 0 (0%) |

Total Ammonia (N)-mg/L

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|------|---------|---------|-----|-----|---------|---------|-----|----------|
| 0 | Negative Contr | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| 18 | | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| 32 | | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| 56 | | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| 100 | | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| 180 | | 1 | 0 | | | 0 | 0 | 0 | 0 | | 0 |
| Overall | | 6 | 0 | | | 0 | 0 | | | | 0 (0%) |

pH-Units

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 18 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 32 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 56 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 100 | | 2 | 7.95 | 7.926 | 7.974 | 7.9 | 8 | 0.01178 | 0.0707 | 0.89% | 0 |
| 180 | | 2 | 7.9 | 7.899 | 7.901 | 7.9 | 7.9 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 7.942 | | | 7.9 | 8 | | | | 0 (0%) |

Salinity-ppt

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 18 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 32 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 56 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 180 | | 2 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 12 | 34 | | | 34 | 34 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 11 Jan-10 10:10 (p 2 of 2)
Test Code: 03-1398-3400/URCF120809

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|------|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 2 | 14.95 | 14.93 | 14.97 | 14.9 | 15 | 0.01179 | 0.07075 | 0.47% | 0 |
| 18 | | 2 | 14.95 | 14.93 | 14.97 | 14.9 | 15 | 0.01179 | 0.07075 | 0.47% | 0 |
| 32 | | 2 | 14.95 | 14.93 | 14.97 | 14.9 | 15 | 0.01179 | 0.07075 | 0.47% | 0 |
| 56 | | 2 | 14.95 | 14.93 | 14.97 | 14.9 | 15 | 0.01179 | 0.07075 | 0.47% | 0 |
| 100 | | 2 | 14.95 | 14.93 | 14.97 | 14.9 | 15 | 0.01179 | 0.07075 | 0.47% | 0 |
| 180 | | 2 | 14.95 | 14.93 | 14.97 | 14.9 | 15 | 0.01179 | 0.07075 | 0.47% | 0 |
| Overall | | 12 | 14.95 | | | 14.9 | 15 | | | | 0 (0%) |

Dissolved Oxygen-mg/L

| Conc-µg/L | Control Type | 1 | 2 |
|-----------|----------------|-----|-----|
| 0 | Negative Contr | 7.9 | 6 |
| 18 | | 7.6 | 5.5 |
| 32 | | 7.6 | 5.6 |
| 56 | | 7.2 | 5.6 |
| 100 | | 7.3 | 5.7 |
| 180 | | 7.3 | 5.6 |

Total Ammonia (N)-mg/L

| Conc-µg/L | Control Type | 1 | 2 |
|-----------|----------------|---|---|
| 0 | Negative Contr | 0 | |
| 18 | | 0 | |
| 32 | | 0 | |
| 56 | | 0 | |
| 100 | | 0 | |
| 180 | | 0 | |

pH-Units

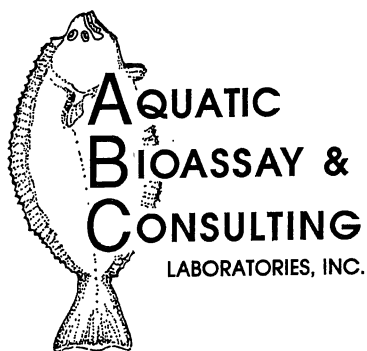
| Conc-µg/L | Control Type | 1 | 2 |
|-----------|----------------|-----|-----|
| 0 | Negative Contr | 8 | 7.9 |
| 18 | | 8 | 7.9 |
| 32 | | 8 | 7.9 |
| 56 | | 8 | 7.9 |
| 100 | | 8 | 7.9 |
| 180 | | 7.9 | 7.9 |

Salinity-ppt

| Conc-µg/L | Control Type | 1 | 2 |
|-----------|----------------|----|----|
| 0 | Negative Contr | 34 | 34 |
| 18 | | 34 | 34 |
| 32 | | 34 | 34 |
| 56 | | 34 | 34 |
| 100 | | 34 | 34 |
| 180 | | 34 | 34 |

Temperature-°C

| Conc-µg/L | Control Type | 1 | 2 |
|-----------|----------------|------|----|
| 0 | Negative Contr | 14.9 | 15 |
| 18 | | 14.9 | 15 |
| 32 | | 14.9 | 15 |
| 56 | | 14.9 | 15 |
| 100 | | 14.9 | 15 |
| 180 | | 14.9 | 15 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC SILVERSIDE MINNOW SURVIVAL AND GROWTH BIOASSAY

8 December - 09

STANDARD TOXICANT: Copper Chloride

ENDPOINT: SURVIVAL

NOEC = 100.00 ug/l

IC25 = 107.40 ug/l

IC50 = 135.60 ug/l

ENDPOINT: GROWTH

NOEC = 100.00 ug/l

IC25 = 115.50 ug/l

IC50 = 145.50 ug/l

Yours very truly,

cc: Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Report Date: 06 Jan-10 09:28 (p 1 of 4)
Test Code: 17-8378-7458/MEN120809

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 13-5394-4843
Analyzed: 06 Jan-10 9:27
Endpoint: Mean Dry Biomass-mg
Analysis: Parametric-Two Sample

CETIS Version: CETISv1.7.0
Official Results: Yes

Batch ID: 06-8609-7593
Start Date: 08 Dec-09 16:00
Ending Date: 15 Dec-09 14:00
Duration: 6d 22h
Test Type: Growth-Survival (7d)
Protocol: EPA/821/R-02-014 (2002)
Species: Menidia beryllina
Source: Aquatic Biosystems, CO

Analyst:
Diluent: Laboratory Seawater
Brine: Not Applicable
Age: 7-10

Sample ID: 20-5685-3305
Sample Date: 08 Dec-09 16:00
Receive Date: 08 Dec-09 16:00
Sample Age: N/A
Code: MEN120809
Material: Copper chloride
Source: Reference Toxicant
Station:

Client: Internal Lab
Project:

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|----------------|------|---------|-------------|------|------|-------|----|--------|
| Untransformed | 0 | C > T | Not Run | 100 | 180 | 134.2 | | 25.97% |

Equal Variance t Two-Sample Test

| Control | vs | Conc-µg/L | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|----|-----------|-----------|----------|---------|---------|------------------------|
| Negative Control | | 32 | 0.4619 | 1.943 | 0.1935 | 0.3302 | Non-Significant Effect |
| | | 56 | 0.9741 | 1.943 | 0.08227 | 0.1838 | Non-Significant Effect |
| | | 100 | 1.191 | 1.943 | 0.1317 | 0.1393 | Non-Significant Effect |
| | | 180* | 5.892 | 1.943 | 0.1742 | 0.0005 | Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|-------------|---------|----------------------|
| Control Resp | 0.6707 | 0.5 - NL | Yes | Result Within Limits |
| PMSD | 0.2597 | 0.11 - 0.28 | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 2.066 | 2.708 | 0.5948 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|--------------------|
| Between | 0.7697356 | 0.1924339 | 4 | 11.61 | 0.0002 | Significant Effect |
| Error | 0.2485532 | 0.01657022 | 15 | | | |
| Total | 1.018289 | 0.2090041 | 19 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Bartlett Equality of Variance | 5.693 | 13.28 | 0.2233 | Equal Variances |
| Variances | Mod Levene Equality of Variance | 3.852 | 4.893 | 0.0240 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9576 | | 0.4968 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.1089 | 0.2235 | 0.8544 | Normal Distribution |
| Distribution | D'Agostino Skewness | 0.6231 | 2.576 | 0.5332 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 0.6382 | 2.576 | 0.5234 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 0.7956 | 9.21 | 0.6718 | Normal Distribution |

Mean Dry Biomass-mg Summary

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|-----------|------------------|-------|--------|---------|---------|-------|-------|----------|---------|--------|--------|
| 0 | Negative Control | 4 | 0.6707 | 0.6443 | 0.6972 | 0.579 | 0.742 | 0.01291 | 0.06953 | 10.37% | 0.0% |
| 32 | | 4 | 0.6247 | 0.5538 | 0.6957 | 0.458 | 0.861 | 0.03465 | 0.1866 | 29.87% | 6.86% |
| 56 | | 4 | 0.6295 | 0.6111 | 0.6479 | 0.559 | 0.665 | 0.008973 | 0.04832 | 7.68% | 6.15% |
| 100 | | 4 | 0.59 | 0.5457 | 0.6343 | 0.467 | 0.742 | 0.02161 | 0.1164 | 19.73% | 12.04% |
| 180 | | 4 | 0.1425 | 0.07963 | 0.2054 | 0 | 0.304 | 0.03069 | 0.1653 | 116.0% | 78.76% |
| 320 | | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100.0% |

CETIS Analytical Report

Report Date: 06 Jan-10 09:28 (p 2 of 4)
 Test Code: 17-8378-7458/MEN120809

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

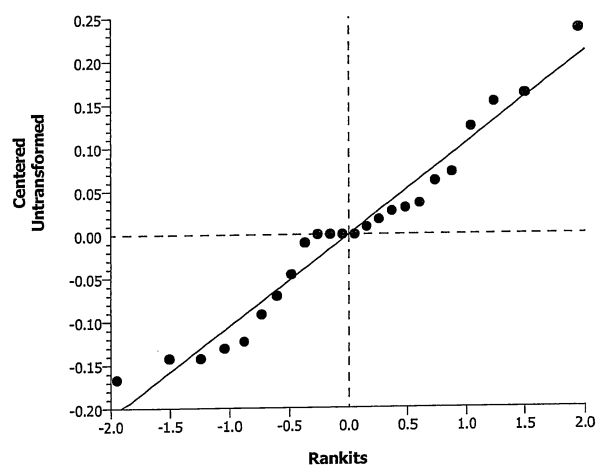
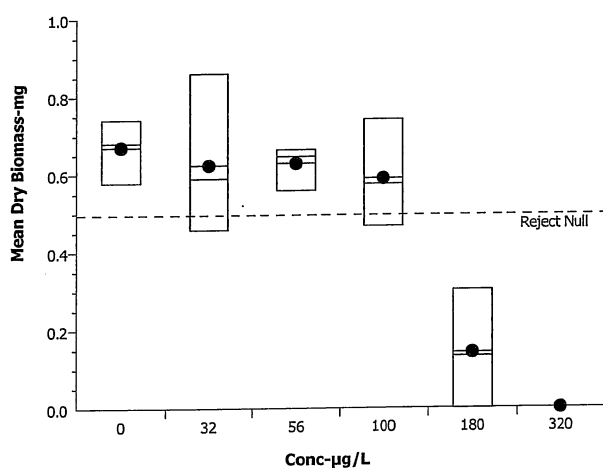
Analysis ID: 13-5394-4843 Endpoint: Mean Dry Biomass-mg
 Analyzed: 06 Jan-10 9:27 Analysis: Parametric-Two Sample

CETIS Version: CETISv1.7.0
 Official Results: Yes

Mean Dry Biomass-mg Detail

| Conc-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|-----------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 0.701 | 0.579 | 0.742 | 0.661 |
| 32 | | 0.861 | 0.458 | 0.494 | 0.686 |
| 56 | | 0.656 | 0.638 | 0.559 | 0.665 |
| 100 | | 0.607 | 0.742 | 0.467 | 0.544 |
| 180 | | 0.266 | 0 | 0.304 | 0 |
| 320 | | 0 | 0 | 0 | 0 |

Graphics



CETIS Analytical Report

Report Date: 06 Jan-10 09:28 (p 3 of 4)
Test Code: 17-8378-7458/MEN120809

Inland Silverside 7-d Larval Survival and Growth Test

| | | |
|-------------------------------|--|------------------------------|
| Analysis ID: 11-9949-0364 | Endpoint: 7d Survival Rate | CETIS Version: CETISv1.7.0 |
| Analyzed: 06 Jan-10 9:26 | Analysis: Parametric-Control vs Treatments | Official Results: Yes |
| Batch ID: 06-8609-7593 | Test Type: Growth-Survival (7d) | Analyst: |
| Start Date: 08 Dec-09 16:00 | Protocol: EPA/821/R-02-014 (2002) | Diluent: Laboratory Seawater |
| Ending Date: 15 Dec-09 14:00 | Species: Menidia beryllina | Brine: Not Applicable |
| Duration: 6d 22h | Source: Aquatic Biosystems, CO | Age: 7-10 |
| Sample ID: 20-5685-3305 | Code: MEN120809 | Client: Internal Lab |
| Sample Date: 08 Dec-09 16:00 | Material: Copper chloride | Project: |
| Receive Date: 08 Dec-09 16:00 | Source: Reference Toxicant | |
| Sample Age: N/A | Station: | |

| Data Transform | Zeta | Alt Hyp | Monte Carlo | NOEL | LOEL | TOEL | TU | PMSD |
|---------------------|------|---------|-------------|------|------|-------|----|--------|
| Angular (Corrected) | 0 | C > T | Not Run | 100 | 180 | 134.2 | | 19.15% |

Dunnett's Multiple Comparison Test

| Control | vs | Conc-µg/L | Test Stat | Critical | MSD | P-Value | Decision(5%) |
|------------------|------|-----------|-----------|----------|--------|---------|------------------------|
| Negative Control | 32 | | 0.7323 | 2.356 | 0.2622 | 0.5004 | Non-Significant Effect |
| | 56 | | 0.8155 | 2.356 | 0.2622 | 0.4631 | Non-Significant Effect |
| | 100 | | 2.185 | 2.356 | 0.2622 | 0.0678 | Non-Significant Effect |
| | 180* | | 9.16 | 2.356 | 0.2622 | <0.0001 | Significant Effect |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.95 | 0.8 - NL | Yes | Result Within Limits |

Auxiliary Tests

| Attribute | Test | Test Stat | Critical | P-Value | Decision |
|---------------|-----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Single Outlier | 2.53 | 2.708 | 0.1122 | No Outliers Detected |

ANOVA Table

| Source | Sum Squares | Mean Square | DF | F Stat | P-Value | Decision(5%) |
|---------|-------------|-------------|----|--------|---------|--------------------|
| Between | 2.805325 | 0.7013313 | 4 | 28.32 | <0.0001 | Significant Effect |
| Error | 0.3714659 | 0.02476439 | 15 | | | |
| Total | 3.176791 | 0.7260957 | 19 | | | |

ANOVA Assumptions

| Attribute | Test | Test Stat | Critical | P-Value | Decision(1%) |
|--------------|---------------------------------|-----------|----------|---------|---------------------|
| Variances | Mod Levene Equality of Variance | 2.045 | 4.893 | 0.1393 | Equal Variances |
| Distribution | Shapiro-Wilk Normality | 0.9207 | | 0.1022 | Normal Distribution |
| Distribution | Kolmogorov-Smirnov | 0.2 | 0.2235 | 0.0351 | Normal Distribution |
| Distribution | D'Agostino Skewness | 1.602 | 2.576 | 0.1092 | Normal Distribution |
| Distribution | D'Agostino Kurtosis | 0.8337 | 2.576 | 0.4045 | Normal Distribution |
| Distribution | D'Agostino Omnibus | 3.26 | 9.21 | 0.1959 | Normal Distribution |

CETIS Analytical Report

Report Date: 06 Jan-10 09:28 (p 4 of 4)
Test Code: 17-8378-7458/MEN120809

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 11-9949-0364 Endpoint: 7d Survival Rate
Analyzed: 06 Jan-10 9:26 Analysis: Parametric-Control vs Treatments

CETIS Version: CETISv1.7.0
Official Results: Yes

7d Survival Rate Summary

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|-----------|------------------|-------|-------|---------|---------|-----|-----|---------|---------|--------|--------|
| 0 | Negative Control | 4 | 0.95 | 0.928 | 0.972 | 0.9 | 1 | 0.01072 | 0.05773 | 6.08% | 0.0% |
| 32 | | 4 | 0.9 | 0.8999 | 0.9001 | 0.9 | 0.9 | 0 | 0 | 0.0% | 5.26% |
| 56 | | 4 | 0.875 | 0.803 | 0.947 | 0.6 | 1 | 0.03515 | 0.1893 | 21.63% | 7.9% |
| 100 | | 4 | 0.775 | 0.7271 | 0.8229 | 0.6 | 0.9 | 0.02337 | 0.1258 | 16.24% | 18.42% |
| 180 | | 4 | 0.1 | 0.05608 | 0.1439 | 0 | 0.2 | 0.02144 | 0.1155 | 115.5% | 89.47% |
| 320 | | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 100.0% |

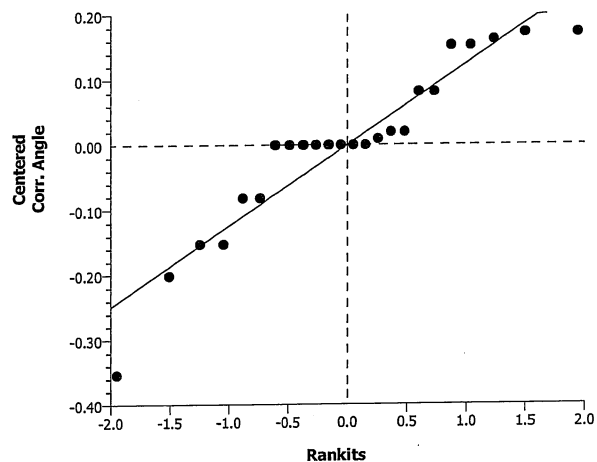
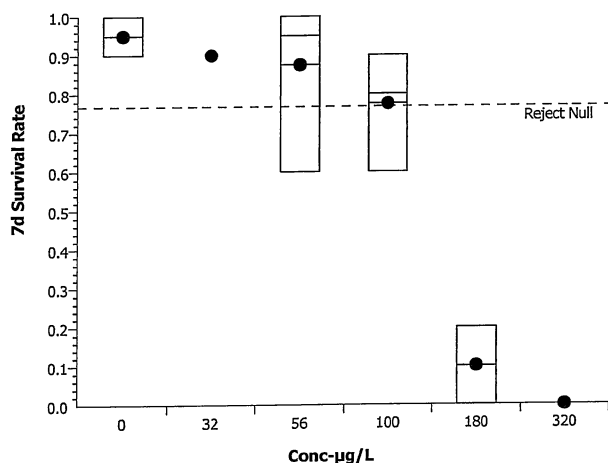
Angular (Corrected) Transformed Summary

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | Diff% |
|-----------|----------------|-------|--------|---------|---------|--------|--------|---------|---------|--------|--------|
| 0 | Negative Contr | 4 | 1.331 | 1.295 | 1.366 | 1.249 | 1.412 | 0.01747 | 0.09409 | 7.07% | 0.0% |
| 32 | | 4 | 1.249 | 1.249 | 1.249 | 1.249 | 1.249 | 0 | 0 | 0.0% | 6.12% |
| 56 | | 4 | 1.24 | 1.145 | 1.334 | 0.8861 | 1.412 | 0.04605 | 0.248 | 20.0% | 6.82% |
| 100 | | 4 | 1.087 | 1.03 | 1.144 | 0.8861 | 1.249 | 0.02784 | 0.1499 | 13.79% | 18.28% |
| 180 | | 4 | 0.3112 | 0.2443 | 0.3782 | 0.1588 | 0.4636 | 0.03269 | 0.176 | 56.56% | 76.61% |
| 320 | | 4 | 0.1588 | 0.1588 | 0.1588 | 0.1588 | 0.1588 | 0 | 0 | 0.0% | 88.07% |

7d Survival Rate Detail

| Conc-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|-----------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 0.9 | 0.9 | 1 | 1 |
| 32 | | 0.9 | 0.9 | 0.9 | 0.9 |
| 56 | | 1 | 0.9 | 0.6 | 1 |
| 100 | | 0.8 | 0.9 | 0.6 | 0.8 |
| 180 | | 0.2 | 0 | 0.2 | 0 |
| 320 | | 0 | 0 | 0 | 0 |

Graphics



CETIS Analytical Report

Report Date: 06 Jan-10 09:28 (p 1 of 4)
 Test Code: 17-8378-7458/MEN120809

| Inland Silverside 7-d Larval Survival and Growth Test | | | | Aquatic Bioassay & Consulting Labs, Inc. | |
|---|-----------------|------------|------------------------------|--|---------------------|
| Analysis ID: | 01-2296-5336 | Endpoint: | Mean Dry Biomass-mg | CETIS Version: | CETISv1.7.0 |
| Analyzed: | 06 Jan-10 9:27 | Analysis: | Linear Interpolation (ICPIN) | Official Results: | Yes |
| Batch ID: | 06-8609-7593 | Test Type: | Growth-Survival (7d) | Analyst: | |
| Start Date: | 08 Dec-09 16:00 | Protocol: | EPA/821/R-02-014 (2002) | Diluent: | Laboratory Seawater |
| Ending Date: | 15 Dec-09 14:00 | Species: | Menidia beryllina | Brine: | Not Applicable |
| Duration: | 6d 22h | Source: | Aquatic Biosystems, CO | Age: | 7-10 |
| Sample ID: | 20-5685-3305 | Code: | MEN120809 | Client: | Internal Lab |
| Sample Date: | 08 Dec-09 16:00 | Material: | Copper chloride | Project: | |
| Receive Date: | 08 Dec-09 16:00 | Source: | Reference Toxicant | | |
| Sample Age: | N/A | Station: | | | |

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 5334240 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.6707 | 0.5 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 2.273 | 2.802 | 0.3969 | No Outliers Detected |

Point Estimates

| Level | µg/L | 95% LCL | 95% UCL |
|-------|-------|---------|---------|
| IC5 | 24.6 | N/A | 151.2 |
| IC10 | 83.8 | N/A | 122.5 |
| IC15 | 103.6 | N/A | 120.4 |
| IC20 | 109.5 | 35.35 | 126.8 |
| IC25 | 115.5 | 74.87 | 132.6 |
| IC40 | 133.5 | 107 | 158.8 |
| IC50 | 145.5 | 118.9 | 179.3 |

Mean Dry Biomass-mg Summary

| | | | Calculated Variate | | | | | | |
|-----------|------------------|-------|--------------------|-------|-------|----------|---------|--------|--------|
| Conc-µg/L | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% |
| 0 | Negative Control | 4 | 0.6707 | 0.579 | 0.742 | 0.0127 | 0.06953 | 10.37% | 0.0% |
| 32 | | 4 | 0.6247 | 0.458 | 0.861 | 0.03407 | 0.1866 | 29.87% | 6.86% |
| 56 | | 4 | 0.6295 | 0.559 | 0.665 | 0.008822 | 0.04832 | 7.68% | 6.15% |
| 100 | | 4 | 0.59 | 0.467 | 0.742 | 0.02125 | 0.1164 | 19.73% | 12.04% |
| 180 | | 4 | 0.1425 | 0 | 0.304 | 0.03017 | 0.1653 | 116.0% | 78.76% |
| 320 | | 4 | 0 | 0 | 0 | 0 | 0 | | 100.0% |

Mean Dry Biomass-mg Detail

| Conc-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|-----------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 0.701 | 0.579 | 0.742 | 0.661 |
| 32 | | 0.861 | 0.458 | 0.494 | 0.686 |
| 56 | | 0.656 | 0.638 | 0.559 | 0.665 |
| 100 | | 0.607 | 0.742 | 0.467 | 0.544 |
| 180 | | 0.266 | 0 | 0.304 | 0 |
| 320 | | 0 | 0 | 0 | 0 |

CETIS Analytical Report

Report Date: 06 Jan-10 09:28 (p 2 of 4)
Test Code: 17-8378-7458/MEN120809

Inland Silverside 7-d Larval Survival and Growth Test

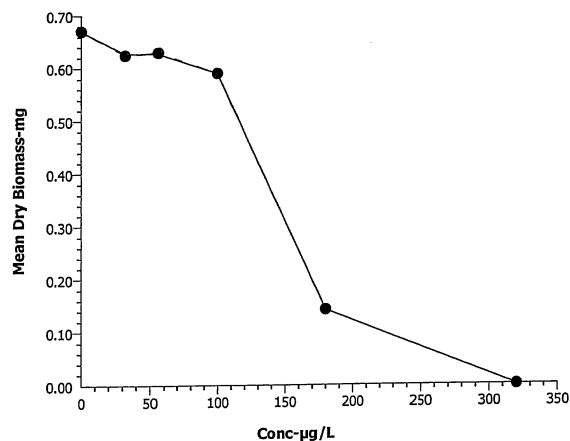
Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 01-2296-5336
Analyzed: 06 Jan-10 9:27

Endpoint: Mean Dry Biomass-mg
Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 06 Jan-10 09:28 (p 3 of 4)

Test Code: 17-8378-7458/MEN120809

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 16-1291-3403
 Analyzed: 06 Jan-10 9:26
 Endpoint: 7d Survival Rate
 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.7.0
 Official Results: Yes

Batch ID: 06-8609-7593
 Start Date: 08 Dec-09 16:00
 Ending Date: 15 Dec-09 14:00
 Duration: 6d 22h
 Test Type: Growth-Survival (7d)
 Protocol: EPA/821/R-02-014 (2002)
 Species: Menidia beryllina
 Source: Aquatic Biosystems, CO

Analyst:
 Diluent: Laboratory Seawater
 Brine: Not Applicable
 Age: 7-10

Sample ID: 20-5685-3305
 Sample Date: 08 Dec-09 16:00
 Receive Date: 08 Dec-09 16:00
 Sample Age: N/A
 Code: MEN120809
 Material: Copper chloride
 Source: Reference Toxicant
 Station:

Client: Internal Lab
 Project:

Linear Interpolation Options

| X Transform | Y Transform | Seed | Resamples | Exp 95% CL | Method |
|-------------|-------------|---------|-----------|------------|-------------------------|
| Linear | Linear | 5334240 | 280 | Yes | Two-Point Interpolation |

Test Acceptability

| Attribute | Test Stat | TAC Limits | Overlap | Decision |
|--------------|-----------|------------|---------|----------------------|
| Control Resp | 0.95 | 0.8 - NL | Yes | Result Within Limits |

Residual Analysis

| Attribute | Method | Test Stat | Critical | P-Value | Decision(5%) |
|---------------|----------------------|-----------|----------|---------|----------------------|
| Extreme Value | Grubbs Extreme Value | 2.783 | 2.802 | 0.0544 | No Outliers Detected |

Point Estimates

| Level | µg/L | 95% LCL | 95% UCL |
|-------|-------|---------|---------|
| EC5 | 30.4 | 7.36 | 98.11 |
| EC10 | 64.8 | 12.32 | 117.6 |
| EC15 | 85.7 | 15.14 | 116.2 |
| EC20 | 101.8 | 18.81 | 114.6 |
| EC25 | 107.4 | 42.76 | 119.3 |
| EC40 | 124.3 | 102.5 | 135.2 |
| EC50 | 135.6 | 117.1 | 147.1 |

7d Survival Rate Summary

Calculated Variate(A/B)

| Conc-µg/L | Control Type | Count | Mean | Min | Max | Std Err | Std Dev | CV% | Diff% | A | B |
|-----------|------------------|-------|-------|-----|-----|---------|---------|--------|--------|----|----|
| 0 | Negative Control | 4 | 0.95 | 0.9 | 1 | 0.01054 | 0.05773 | 6.08% | 0.0% | 38 | 40 |
| 32 | | 4 | 0.9 | 0.9 | 0.9 | 0 | 0 | 0.0% | 5.26% | 36 | 40 |
| 56 | | 4 | 0.875 | 0.6 | 1 | 0.03456 | 0.1893 | 21.63% | 7.9% | 35 | 40 |
| 100 | | 4 | 0.775 | 0.6 | 0.9 | 0.02297 | 0.1258 | 16.24% | 18.42% | 31 | 40 |
| 180 | | 4 | 0.1 | 0 | 0.2 | 0.02108 | 0.1155 | 115.5% | 89.47% | 4 | 40 |
| 320 | | 4 | 0 | 0 | 0 | 0 | 0 | 100.0% | | 0 | 40 |

7d Survival Rate Detail

| Conc-µg/L | Control Type | Rep 1 | Rep 2 | Rep 3 | Rep 4 |
|-----------|------------------|-------|-------|-------|-------|
| 0 | Negative Control | 0.9 | 0.9 | 1 | 1 |
| 32 | | 0.9 | 0.9 | 0.9 | 0.9 |
| 56 | | 1 | 0.9 | 0.6 | 1 |
| 100 | | 0.8 | 0.9 | 0.6 | 0.8 |
| 180 | | 0.2 | 0 | 0.2 | 0 |
| 320 | | 0 | 0 | 0 | 0 |

CETIS Analytical Report

Report Date: 06 Jan-10 09:28 (p 4 of 4)

Test Code: 17-8378-7458/MEN120809

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 16-1291-3403

Endpoint: 7d Survival Rate

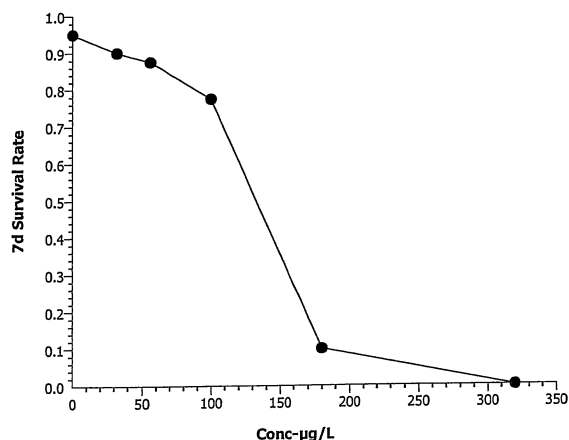
CETIS Version: CETISv1.7.0

Analyzed: 06 Jan-10 9:26

Analysis: Linear Interpolation (ICPIN)

Official Results: Yes

Graphics



CETIS Measurement Report

Report Date: 06 Jan-10 09:28 (p 1 of 2)
 Test Code: 17-8378-7458/MEN120809

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Batch ID: 06-8609-7593
 Start Date: 08 Dec-09 16:00
 Ending Date: 15 Dec-09 14:00
 Duration: 6d 22h
 Test Type: Growth-Survival (7d)
 Protocol: EPA/821/R-02-014 (2002)
 Species: Menidia beryllina
 Source: Aquatic Biosystems, CO

Analyst:
 Diluent: Laboratory Seawater
 Brine: Not Applicable
 Age: 7-10

Sample ID: 20-5685-3305
 Sample Date: 08 Dec-09 16:00
 Receive Date: 08 Dec-09 16:00
 Sample Age: N/A
 Code: MEN120809
 Material: Copper chloride
 Source: Reference Toxicant
 Station:

Client: Internal Lab
 Project:

Dissolved Oxygen-mg/L

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 6.463 | 6.28 | 6.645 | 5.7 | 7 | 0.08995 | 0.5397 | 8.35% | 0 |
| 32 | | 8 | 6.375 | 6.24 | 6.51 | 5.8 | 6.9 | 0.06652 | 0.3991 | 6.26% | 0 |
| 56 | | 8 | 6.375 | 6.24 | 6.51 | 5.8 | 6.9 | 0.06652 | 0.3991 | 6.26% | 0 |
| 100 | | 8 | 6.388 | 6.249 | 6.526 | 5.8 | 6.9 | 0.0681 | 0.4086 | 6.4% | 0 |
| 180 | | 8 | 6.338 | 6.179 | 6.496 | 5.7 | 6.9 | 0.07814 | 0.4689 | 7.4% | 0 |
| 320 | | 2 | 6.2 | 6.104 | 6.296 | 6 | 6.4 | 0.04714 | 0.2828 | 4.56% | 0 |
| Overall | | 42 | 6.356 | | | 5.7 | 7 | | | | 0 (0%) |

pH-Units

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|-----|-----|---------|---------|-------|----------|
| 0 | Negative Contr | 8 | 7.9 | 7.874 | 7.926 | 7.8 | 8 | 0.0126 | 0.07559 | 0.96% | 0 |
| 32 | | 8 | 7.825 | 7.782 | 7.868 | 7.6 | 8 | 0.02136 | 0.1282 | 1.64% | 0 |
| 56 | | 8 | 7.788 | 7.754 | 7.821 | 7.6 | 7.9 | 0.01652 | 0.0991 | 1.27% | 0 |
| 100 | | 8 | 7.75 | 7.714 | 7.786 | 7.6 | 7.9 | 0.01782 | 0.1069 | 1.38% | 0 |
| 180 | | 8 | 7.725 | 7.695 | 7.755 | 7.6 | 7.8 | 0.01477 | 0.08864 | 1.15% | 0 |
| 320 | | 2 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 0 | 0 | 0.0% | 0 |
| Overall | | 42 | 7.798 | | | 7.6 | 8 | | | | 0 (0%) |

Salinity-ppt

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|------|---------|---------|-----|-----|---------|---------|------|----------|
| 0 | Negative Contr | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 32 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 56 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 100 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 180 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| 320 | | 8 | 34 | 34 | 34 | 34 | 34 | 0 | 0 | 0.0% | 0 |
| Overall | | 48 | 34 | | | 34 | 34 | | | | 0 (0%) |

Temperature-°C

| Conc-µg/L | Control Type | Count | Mean | 95% LCL | 95% UCL | Min | Max | Std Err | Std Dev | CV% | QA Count |
|-----------|----------------|-------|-------|---------|---------|-----|------|----------|---------|-------|----------|
| 0 | Negative Contr | 8 | 24.04 | 24.01 | 24.06 | 24 | 24.2 | 0.01239 | 0.07436 | 0.31% | 0 |
| 32 | | 8 | 24.04 | 24.01 | 24.06 | 24 | 24.2 | 0.01239 | 0.07436 | 0.31% | 0 |
| 56 | | 8 | 24.04 | 24.01 | 24.06 | 24 | 24.2 | 0.01239 | 0.07436 | 0.31% | 0 |
| 100 | | 8 | 24.03 | 24.01 | 24.04 | 24 | 24.1 | 0.007704 | 0.04623 | 0.19% | 0 |
| 180 | | 8 | 24.04 | 24.01 | 24.06 | 24 | 24.2 | 0.01239 | 0.07436 | 0.31% | 0 |
| 320 | | 2 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0.0% | 0 |
| Overall | | 42 | 24.03 | | | 24 | 24.2 | | | | 0 (0%) |

CETIS Measurement Report

Report Date: 06 Jan-10 09:28 (p 2 of 2)
Test Code: 17-8378-7458/MEN120809

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

| Conc-µg/L | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-----------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 6 | 6 | 5.7 | 7 | 6.9 | 7 | 6.9 | 6.2 |
| 32 | | 6.3 | 6 | 5.8 | 6.4 | 6.7 | 6.8 | 6.9 | 6.1 |
| 56 | | 6.3 | 6 | 5.8 | 6.4 | 6.7 | 6.8 | 6.9 | 6.1 |
| 100 | | 6.4 | 5.8 | 5.9 | 6.6 | 6.7 | 6.7 | 6.9 | 6.1 |
| 180 | | 6.4 | 5.7 | 5.8 | 5.9 | 6.6 | 6.7 | 6.7 | 6.9 |
| 320 | | 6.4 | 6 | | | | | | |

pH-Units

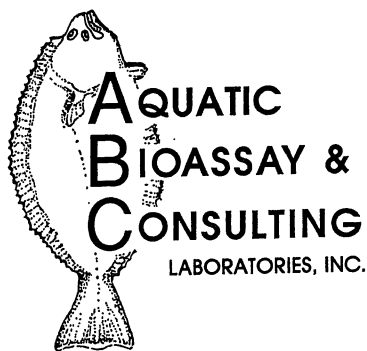
| Conc-µg/L | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-----------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | Negative Contr | 7.9 | 7.8 | 7.8 | 8 | 8 | 7.9 | 7.9 | 7.9 |
| 32 | | 7.8 | 7.7 | 7.6 | 7.8 | 8 | 7.9 | 7.9 | 7.9 |
| 56 | | 7.8 | 7.7 | 7.6 | 7.8 | 7.9 | 7.8 | 7.8 | 7.9 |
| 100 | | 7.8 | 7.6 | 7.6 | 7.7 | 7.8 | 7.8 | 7.8 | 7.9 |
| 180 | | 7.8 | 7.6 | 7.6 | 7.7 | 7.8 | 7.8 | 7.8 | 7.7 |
| 320 | | 7.8 | 7.8 | | | | | | |

Salinity-ppt

| Conc-µg/L | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-----------|----------------|----|----|----|----|----|----|----|----|
| 0 | Negative Contr | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 32 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 56 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 100 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 180 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| 320 | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |

Temperature-°C

| Conc-µg/L | Control Type | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-----------|----------------|----|----|------|------|----|----|----|----|
| 0 | Negative Contr | 24 | 24 | 24.2 | 24.1 | 24 | 24 | 24 | 24 |
| 32 | | 24 | 24 | 24.2 | 24.1 | 24 | 24 | 24 | 24 |
| 56 | | 24 | 24 | 24.2 | 24.1 | 24 | 24 | 24 | 24 |
| 100 | | 24 | 24 | 24.1 | 24.1 | 24 | 24 | 24 | 24 |
| 180 | | 24 | 24 | 24.2 | 24.1 | 24 | 24 | 24 | 24 |
| 320 | | 24 | 24 | | | | | | |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC TOPSMELT SURVIVAL AND GROWTH BIOASSAY

DATE: 8 December - 09

STANDARD TOXICANT: Copper Chloride

ENDPOINT: SURVIVAL

NOEC = 100.00 ug/l

IC25 = 130.00 ug/l

IC50 = 162.67 ug/l

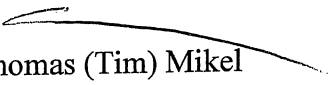
ENDPOINT: GROWTH

NOEC = 100.00 ug/l

IC25 = 123.72 ug/l

IC50 = 157.81 ug/l

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

Larval Fish Growth and Survival Test-7 Day Survival

| | | |
|-----------------------------|-------------------------------|-------------------------------------|
| Start Date: 12/8/2009 | Test ID: TOPS120809 | Sample ID: CA0000000 |
| End Date: 12/15/2009 | Lab ID: CAABC | Sample Type: CUCL-Copper chloride |
| Sample Date: 12/8/2009 | Protocol: EPA600/R95/136 1995 | Test Species: AA-Atherinops affinis |
| Comments: Standard Toxicant | | |

| Conc-ug/L | 1 | 2 | 3 | 4 | 5 |
|-----------|--------|--------|--------|--------|--------|
| N Control | 1.0000 | 1.0000 | 1.0000 | 0.8000 | 1.0000 |
| 56 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 100 | 1.0000 | 0.8000 | 1.0000 | 1.0000 | 1.0000 |
| 180 | 0.2000 | 0.4000 | 0.8000 | 0.4000 | 0.0000 |
| 320 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 560 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

| Conc-ug/L | Mean | N-Mean | Transform: Arcsin Square Root | | | | | Rank Sum | 1-Tailed Critical | Isotonic | |
|-----------|--------|--------|-------------------------------|--------|--------|--------|---|----------|-------------------|----------|--------|
| | | | Mean | Min | Max | CV% | N | | | Mean | N-Mean |
| N Control | 0.9600 | 1.0000 | 1.2977 | 1.1071 | 1.3453 | 8.207 | 5 | | | 0.9800 | 1.0000 |
| 56 | 1.0000 | 1.0417 | 1.3453 | 1.3453 | 1.3453 | 0.000 | 5 | 30.00 | 17.00 | 0.9800 | 1.0000 |
| 100 | 0.9600 | 1.0000 | 1.2977 | 1.1071 | 1.3453 | 8.207 | 5 | 27.50 | 17.00 | 0.9600 | 0.9796 |
| *180 | 0.3600 | 0.3750 | 0.6331 | 0.2255 | 1.1071 | 51.476 | 5 | 15.50 | 17.00 | 0.3600 | 0.3673 |
| 320 | 0.0000 | 0.0000 | 0.2255 | 0.2255 | 0.2255 | 0.000 | 5 | | | 0.0000 | 0.0000 |
| 560 | 0.0000 | 0.0000 | 0.2255 | 0.2255 | 0.2255 | 0.000 | 5 | | | 0.0000 | 0.0000 |

| Auxiliary Tests | Statistic | Critical | Skew | Kurt |
|---|-----------|----------|---------|---------|
| Shapiro-Wilk's Test indicates non-normal distribution (p <= 0.01) | 0.76259 | 0.868 | 0.27732 | 4.46528 |
| Equality of variance cannot be confirmed | | | | |

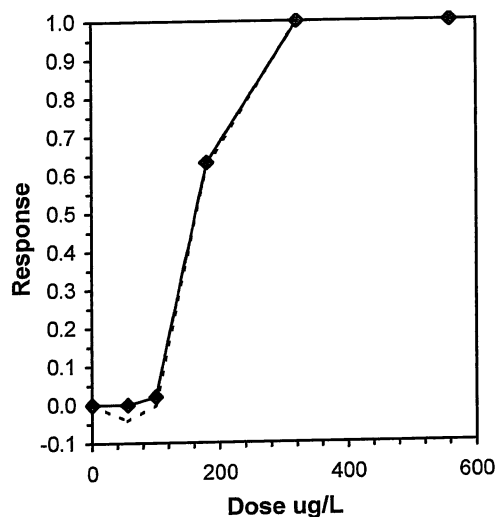
Hypothesis Test (1-tail, 0.05)

| | | | | |
|----------------------------|------|------|---------|----|
| | NOEC | LOEC | ChV | TU |
| Steel's Many-One Rank Test | 100 | 180 | 134.164 | |

Treatments vs N Control

Linear Interpolation (200 Resamples)

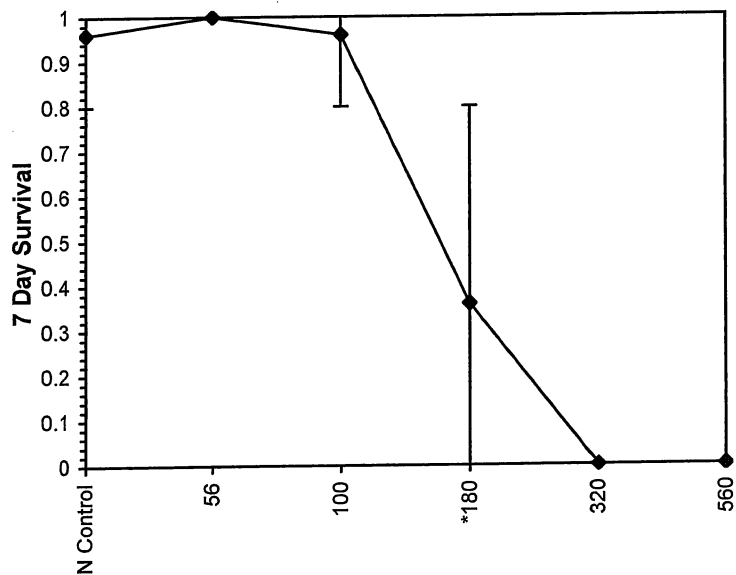
| Point | ug/L | SD | 95% CL(Exp) | | Skew |
|-------|--------|-------|-------------|--------|---------|
| IC05 | 103.87 | 9.19 | 59.57 | 110.97 | -1.5561 |
| IC10 | 110.40 | 5.46 | 83.80 | 122.07 | -0.5912 |
| IC15 | 116.93 | 5.64 | 99.36 | 132.44 | 1.2837 |
| IC20 | 123.47 | 6.72 | 108.24 | 142.91 | 1.9961 |
| IC25 | 130.00 | 8.03 | 113.32 | 155.16 | 2.1843 |
| IC40 | 149.60 | 11.93 | 127.57 | 195.27 | 1.5928 |
| IC50 | 162.67 | 15.11 | 136.16 | 223.73 | 1.3490 |



Larval Fish Growth and Survival Test-7 Day Survival

| | | | | | |
|--------------|-------------------|-----------|---------------------|---------------|-----------------------|
| Start Date: | 12/8/2009 | Test ID: | TOPS120809 | Sample ID: | CA0000000 |
| End Date: | 12/15/2009 | Lab ID: | CAABC | Sample Type: | CUCL-Copper chloride |
| Sample Date: | 12/8/2009 | Protocol: | EPA600/R95/136 1995 | Test Species: | AA-Atherinops affinis |
| Comments: | Standard Toxicant | | | | |

Dose-Response Plot



Larval Fish Growth and Survival Test-7 Day Biomass

| | | |
|-----------------------------|-------------------------------|-------------------------------------|
| Start Date: 12/8/2009 | Test ID: TOPS120809 | Sample ID: CA0000000 |
| End Date: 12/15/2009 | Lab ID: CAABC | Sample Type: CUCL-Copper chloride |
| Sample Date: 12/8/2009 | Protocol: EPA600/R95/136 1995 | Test Species: AA-Atherinops affinis |
| Comments: Standard Toxicant | | |

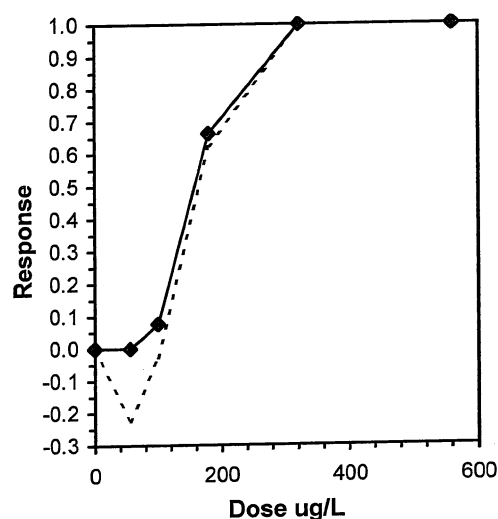
| Conc-ug/L | 1 | 2 | 3 | 4 | 5 |
|-----------|--------|--------|--------|--------|--------|
| N Control | 1.0520 | 1.0740 | 1.1240 | 0.4120 | 0.8920 |
| 56 | 0.9540 | 1.2340 | 1.0600 | 1.0900 | 1.2380 |
| 100 | 0.9920 | 0.5640 | 0.8480 | 1.3700 | 0.9060 |
| 180 | 0.2400 | 0.3100 | 0.7100 | 0.4480 | 0.0000 |
| 320 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 560 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

| Conc-ug/L | Mean | N-Mean | Transform: Untransformed | | | | N | t-Stat | 1-Tailed Critical | MSD | Isotonic | |
|-----------|--------|--------|--------------------------|--------|--------|--------|---|--------|-------------------|--------|----------|--------|
| | | | Mean | Min | Max | CV% | | | | | Mean | N-Mean |
| N Control | 0.9108 | 1.0000 | 0.9108 | 0.4120 | 1.1240 | 32.066 | 5 | | | | 1.0130 | 1.0000 |
| 56 | 1.1152 | 1.2244 | 1.1152 | 0.9540 | 1.2380 | 10.878 | 5 | -1.284 | 2.230 | 0.3550 | 1.0130 | 1.0000 |
| 100 | 0.9360 | 1.0277 | 0.9360 | 0.5640 | 1.3700 | 31.080 | 5 | -0.158 | 2.230 | 0.3550 | 0.9360 | 0.9240 |
| *180 | 0.3416 | 0.3751 | 0.3416 | 0.0000 | 0.7100 | 76.764 | 5 | 3.576 | 2.230 | 0.3550 | 0.3416 | 0.3372 |
| 320 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.000 | 5 | | | | 0.0000 | 0.0000 |
| 560 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.000 | 5 | | | | 0.0000 | 0.0000 |

| Auxiliary Tests | | | | | Statistic | Critical | Skew | Kurt | | |
|--|------|------|---------|----|-----------|----------|---------|---------|---------|-------|
| Shapiro-Wilk's Test indicates normal distribution (p > 0.01) | | | | | 0.96594 | 0.868 | -0.3232 | 0.34833 | | |
| Bartlett's Test indicates equal variances (p = 0.41) | | | | | 2.86478 | 11.3449 | | | | |
| Hypothesis Test (1-tail, 0.05) | NOEC | LOEC | ChV | TU | MSDu | MSDp | MSB | MSE | F-Prob | df |
| Dunnett's Test | 100 | 180 | 134.164 | | 0.35499 | 0.38975 | 0.56262 | 0.06335 | 0.00107 | 3, 16 |
| Treatments vs N Control | | | | | | | | | | |

Linear Interpolation (200 Resamples)

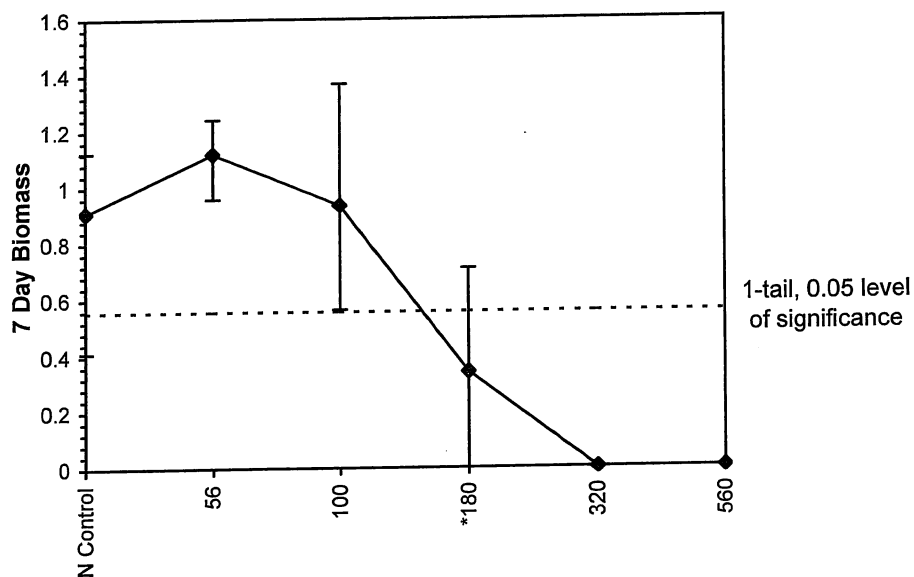
| Point | ug/L | SD | 95% CL(Exp) | | Skew |
|-------|--------|-------|-------------|--------|---------|
| IC05 | 84.94 | 18.14 | 51.12 | 120.19 | 0.0100 |
| IC10 | 103.27 | 16.28 | 52.86 | 123.90 | -0.3745 |
| IC15 | 110.09 | 14.98 | 59.70 | 133.26 | -0.5045 |
| IC20 | 116.90 | 14.26 | 67.68 | 142.62 | -0.4772 |
| IC25 | 123.72 | 13.96 | 75.16 | 151.98 | -0.3763 |
| IC40 | 144.17 | 12.93 | 109.65 | 181.36 | 0.4536 |
| IC50 | 157.81 | 14.00 | 124.40 | 206.41 | 0.9649 |



Larval Fish Growth and Survival Test-7 Day Biomass

| | | |
|-----------------------------|-------------------------------|-------------------------------------|
| Start Date: 12/8/2009 | Test ID: TOPS120809 | Sample ID: CA0000000 |
| End Date: 12/15/2009 | Lab ID: CAABC | Sample Type: CUCL-Copper chloride |
| Sample Date: 12/8/2009 | Protocol: EPA600/R95/136 1995 | Test Species: AA-Atherinops affinis |
| Comments: Standard Toxicant | | |

Dose-Response Plot



Larval Fish Growth and Survival Test-7 Day Biomass

| | | |
|-----------------------------|-------------------------------|-------------------------------------|
| Start Date: 12/8/2009 | Test ID: TOPS120809 | Sample ID: CA0000000 |
| End Date: 12/15/2009 | Lab ID: CAABC | Sample Type: CUCL-Copper chloride |
| Sample Date: 12/8/2009 | Protocol: EPA600/R95/136 1995 | Test Species: AA-Atherinops affinis |
| Comments: Standard Toxicant | | |

Auxiliary Data Summary

| Conc-ug/L | Parameter | Mean | Min | Max | SD | CV% | N |
|-----------|--------------|-------|-------|-------|------|-------|---|
| N Control | Temp. | 21.00 | 21.00 | 21.00 | 0.00 | 0.00 | 8 |
| 56 | | 21.00 | 21.00 | 21.00 | 0.00 | 0.00 | 8 |
| 100 | | 21.00 | 21.00 | 21.00 | 0.00 | 0.00 | 8 |
| 180 | | 21.00 | 21.00 | 21.00 | 0.00 | 0.00 | 8 |
| 320 | | 21.00 | 21.00 | 21.00 | 0.00 | 0.00 | 2 |
| 560 | | 21.00 | 21.00 | 21.00 | 0.00 | 0.00 | 2 |
| N Control | pH | 7.90 | 7.80 | 8.00 | 0.05 | 2.93 | 8 |
| 56 | | 7.83 | 7.70 | 7.90 | 0.09 | 3.80 | 8 |
| 100 | | 7.80 | 7.60 | 7.90 | 0.13 | 4.64 | 8 |
| 180 | | 7.79 | 7.50 | 7.90 | 0.16 | 5.06 | 8 |
| 320 | | 7.80 | 7.80 | 7.80 | 0.00 | 0.00 | 2 |
| 560 | | 7.80 | 7.80 | 7.80 | 0.00 | 0.00 | 2 |
| N Control | DO mg/L | 6.51 | 6.00 | 7.00 | 0.47 | 10.56 | 8 |
| 56 | | 6.31 | 5.50 | 6.90 | 0.51 | 11.33 | 8 |
| 100 | | 6.28 | 5.50 | 6.90 | 0.59 | 12.24 | 8 |
| 180 | | 6.26 | 5.60 | 6.90 | 0.57 | 12.09 | 8 |
| 320 | | 6.20 | 6.00 | 6.40 | 0.28 | 8.58 | 2 |
| 560 | | 6.20 | 6.00 | 6.40 | 0.28 | 8.58 | 2 |
| N Control | Salinity ppt | 34.00 | 34.00 | 34.00 | 0.00 | 0.00 | 8 |
| 56 | | 34.00 | 34.00 | 34.00 | 0.00 | 0.00 | 8 |
| 100 | | 34.00 | 34.00 | 34.00 | 0.00 | 0.00 | 8 |
| 180 | | 34.00 | 34.00 | 34.00 | 0.00 | 0.00 | 8 |
| 320 | | 34.00 | 34.00 | 34.00 | 0.00 | 0.00 | 2 |
| 560 | | 34.00 | 34.00 | 34.00 | 0.00 | 0.00 | 2 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC SELENASTRUM GROWTH BIOASSAY

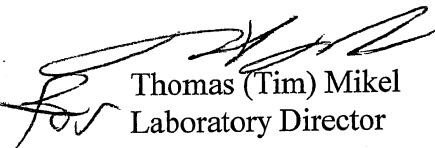
DATE: 3 December- 09

STANDARD TOXICANT: Cadmium Chloride

NOEC = 40.00 ug/l

IC25 = 78.02 ug/l
IC50 = >80.00 ug/l

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

Phytoplankton Test-Growth-Cell Density

| | | |
|-----------------------------|----------------------------|--|
| Start Date: 12/3/2009 | Test ID: SEL120309 | Sample ID: CA0000000 |
| End Date: 12/7/2009 | Lab ID: CAABC | Sample Type: CDCL-Cadmium chloride |
| Sample Date: 12/3/2009 | Protocol: EPA-821-R-02-013 | Test Species: SC-Selenastrum capricornutum |
| Comments: Standard Toxicant | | |

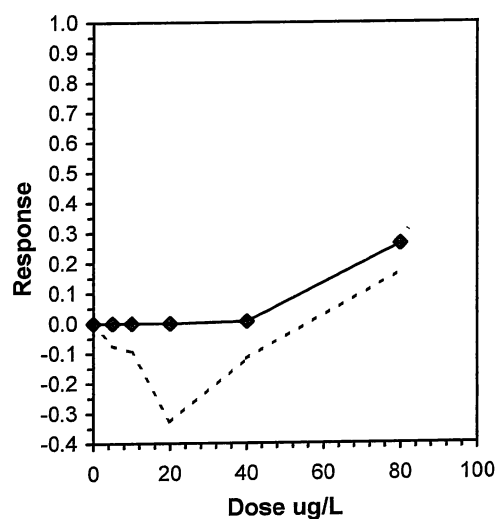
| Conc-ug/L | 1 | 2 | 3 | 4 |
|-----------|---------|---------|---------|---------|
| N Control | 1132000 | 1090000 | 1102000 | 1015000 |
| 5 | 1197000 | 1174000 | 1153000 | 1135000 |
| 10 | 1230000 | 1138000 | 1150000 | 1233000 |
| 20 | 1403000 | 1450000 | 1469000 | 1438000 |
| 40 | 1185000 | 1163000 | 1244000 | 1255000 |
| 80 | 902000 | 882000 | 890000 | 922000 |

| Conc-ug/L | Mean | N-Mean | Transform: Untransformed | | | | N | t-Stat | 1-Tailed Critical | MSD | Isotonic | |
|-----------|---------|--------|--------------------------|---------|---------|-------|---|---------|-------------------|---------|----------|--------|
| | | | Mean | Min | Max | CV% | | | | | Mean | N-Mean |
| N Control | 1084750 | 1.0000 | 1084750 | 1015000 | 1132000 | 4.586 | 4 | | | | 1219313 | 1.0000 |
| 5 | 1164750 | 1.0737 | 1164750 | 1135000 | 1197000 | 2.298 | 4 | -2.947 | 2.410 | 65422.4 | 1219313 | 1.0000 |
| 10 | 1187750 | 1.0950 | 1187750 | 1138000 | 1233000 | 4.274 | 4 | -3.794 | 2.410 | 65422.4 | 1219313 | 1.0000 |
| 20 | 1440000 | 1.3275 | 1440000 | 1403000 | 1469000 | 1.929 | 4 | -13.087 | 2.410 | 65422.4 | 1219313 | 1.0000 |
| 40 | 1211750 | 1.1171 | 1211750 | 1163000 | 1255000 | 3.691 | 4 | -4.678 | 2.410 | 65422.4 | 1211750 | 0.9938 |
| *80 | 899000 | 0.8288 | 899000 | 882000 | 922000 | 1.935 | 4 | 6.843 | 2.410 | 65422.4 | 899000 | 0.7373 |

| Auxiliary Tests | | | | | Statistic | Critical | Skew | Kurt | | |
|--|------|------|---------|----|-----------|----------|---------|---------|---------|-------|
| Shapiro-Wilk's Test indicates normal distribution (p > 0.01) | | | | | 0.95413 | 0.884 | -0.3273 | -0.894 | | |
| Bartlett's Test indicates equal variances (p = 0.53) | | | | | 4.16762 | 15.0863 | | | | |
| Hypothesis Test (1-tail, 0.05) | NOEC | LOEC | ChV | TU | MSDu | MSDp | MSB | MSE | F-Prob | df |
| Dunnett's Test | 40 | 80 | 56.5685 | | 65422.4 | 0.06031 | 1.2E+11 | 1.5E+09 | 7.5E-12 | 5, 18 |
| Treatments vs N Control | | | | | | | | | | |

Linear Interpolation (200 Resamples)

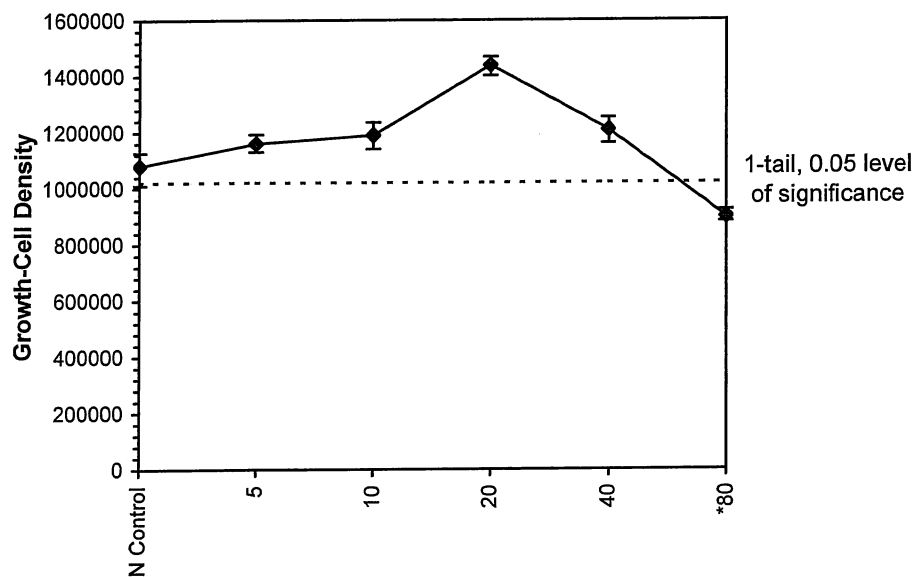
| Point | ug/L | SD | 95% CL(Exp) | | Skew |
|-------|--------|-------|-------------|--------|---------|
| IC05 | 46.830 | 2.146 | 36.770 | 48.764 | -1.3912 |
| IC10 | 54.627 | 1.749 | 46.710 | 56.997 | -1.1604 |
| IC15 | 62.425 | 1.474 | 55.880 | 65.205 | -0.8890 |
| IC20 | 70.222 | 1.325 | 65.532 | 73.447 | -0.3893 |
| IC25 | 78.020 | | | | |
| IC40 | >80 | | | | |
| IC50 | >80 | | | | |



Phytoplankton Test-Growth-Cell Density

| | | | | | |
|--------------|-------------------|-----------|------------------|---------------|------------------------------|
| Start Date: | 12/3/2009 | Test ID: | SEL120309 | Sample ID: | CA0000000 |
| End Date: | 12/7/2009 | Lab ID: | CAABC | Sample Type: | CDCL-Cadmium chloride |
| Sample Date: | 12/3/2009 | Protocol: | EPA-821-R-02-013 | Test Species: | SC-Selenastrum capricornutum |
| Comments: | Standard Toxicant | | | | |

Dose-Response Plot



Phytoplankton Test-Growth-Cell Density

| | | | |
|-----------------------------|----------------------------|--|--|
| Start Date: 12/3/2009 | Test ID: SEL120309 | Sample ID: CA0000000 | |
| End Date: 12/7/2009 | Lab ID: CAABC | Sample Type: CDCL-Cadmium chloride | |
| Sample Date: 12/3/2009 | Protocol: EPA-821-R-02-013 | Test Species: SC-Selenastrum capricornutum | |
| Comments: Standard Toxicant | | | |

| | | Auxiliary Data Summary | | | | | |
|-----------|-----------------|------------------------|--------|--------|-------|------|---|
| Conc-ug/L | Parameter | Mean | Min | Max | SD | CV% | N |
| N Control | Temp C | 25.20 | 25.00 | 25.50 | 0.26 | 2.04 | 3 |
| 5 | | 25.20 | 25.00 | 25.50 | 0.26 | 2.04 | 3 |
| 10 | | 25.20 | 25.00 | 25.50 | 0.26 | 2.04 | 3 |
| 20 | | 25.20 | 25.00 | 25.50 | 0.26 | 2.04 | 3 |
| 40 | | 25.20 | 25.00 | 25.50 | 0.26 | 2.04 | 3 |
| 80 | | 25.20 | 25.00 | 25.50 | 0.26 | 2.04 | 3 |
| N Control | pH | 7.93 | 7.70 | 8.10 | 0.21 | 5.75 | 3 |
| 5 | | 7.93 | 7.70 | 8.10 | 0.21 | 5.75 | 3 |
| 10 | | 7.93 | 7.70 | 8.10 | 0.21 | 5.75 | 3 |
| 20 | | 7.93 | 7.70 | 8.10 | 0.21 | 5.75 | 3 |
| 40 | | 7.93 | 7.80 | 8.10 | 0.15 | 4.93 | 3 |
| 80 | | 7.90 | 7.80 | 8.00 | 0.10 | 4.00 | 3 |
| N Control | Hardness mg/l | 98.00 | 98.00 | 98.00 | 0.00 | 0.00 | 3 |
| 5 | | 98.00 | 98.00 | 98.00 | 0.00 | 0.00 | 3 |
| 10 | | 108.00 | 108.00 | 108.00 | 0.00 | 0.00 | 3 |
| 20 | | 108.00 | 108.00 | 108.00 | 0.00 | 0.00 | 3 |
| 40 | | 120.00 | 120.00 | 120.00 | 0.00 | 0.00 | 3 |
| 80 | | 117.00 | 117.00 | 117.00 | 0.00 | 0.00 | 3 |
| N Control | Alkalinity mg/l | 65.00 | 65.00 | 65.00 | 0.00 | 0.00 | 3 |
| 5 | | 66.00 | 66.00 | 66.00 | 0.00 | 0.00 | 3 |
| 10 | | 60.00 | 60.00 | 60.00 | 0.00 | 0.00 | 3 |
| 20 | | 57.00 | 57.00 | 57.00 | 0.00 | 0.00 | 3 |
| 40 | | 61.00 | 61.00 | 61.00 | 0.00 | 0.00 | 3 |
| 80 | | 60.00 | 60.00 | 60.00 | 0.00 | 0.00 | 3 |
| N Control | Coductivity | 455.33 | 443.00 | 463.00 | 10.79 | 0.72 | 3 |
| 5 | | 470.33 | 460.00 | 483.00 | 11.68 | 0.73 | 3 |
| 10 | | 441.33 | 432.00 | 452.00 | 10.07 | 0.72 | 3 |
| 20 | | 436.33 | 425.00 | 447.00 | 11.02 | 0.76 | 3 |
| 40 | | 428.67 | 417.00 | 442.00 | 12.58 | 0.83 | 3 |
| 80 | | 413.00 | 407.00 | 422.00 | 7.94 | 0.68 | 3 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC FATHEAD MINNOW SURVIVAL AND GROWTH BIOASSAY

DATE: 8 December 2009

STANDARD TOXICANT: Copper Chloride

ENDPOINT: SURVIVAL

NOEC = 38.00 ug/l

IC25 = 51.57 ug/l

IC50 = 83.33 ug/l

ENDPOINT: GROWTH

NOEC = 10.00 ug/l

IC25 = 20.83 ug/l

IC50 = 49.25 ug/l

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

Larval Fish Growth and Survival Test-7 Day Survival

| | | |
|-----------------------------|----------------------------|--------------------------------------|
| Start Date: 12/8/2009 | Test ID: FHD120809 | Sample ID: REF-Ref Toxicant |
| End Date: 12/15/2009 | Lab ID: CAABC | Sample Type: CUCL-Copper chloride |
| Sample Date: 12/8/2009 | Protocol: EPA-821-R-02-013 | Test Species: PP-Pimephales promelas |
| Comments: Standard Toxicant | | |

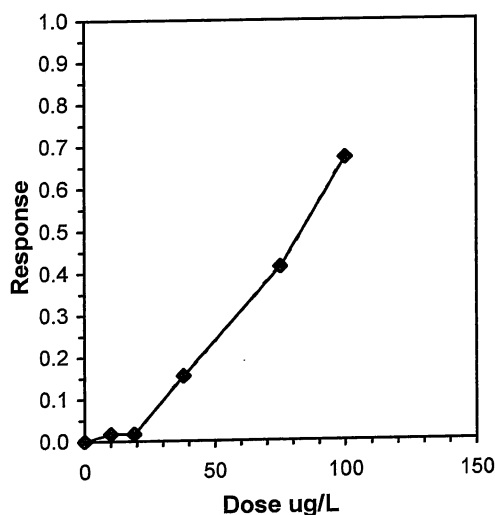
| Conc-ug/L | 1 | 2 | 3 | 4 |
|-----------|--------|--------|--------|--------|
| N Control | 0.9333 | 0.9333 | 1.0000 | 1.0000 |
| 10 | 0.9333 | 1.0000 | 1.0000 | 0.8667 |
| 19 | 1.0000 | 0.9333 | 0.8667 | 1.0000 |
| 38 | 0.9333 | 0.6000 | 1.0000 | 0.7333 |
| 75 | 0.6000 | 0.7333 | 0.4667 | 0.4667 |
| 100 | 0.4667 | 0.2000 | 0.2667 | 0.3333 |

| Conc-ug/L | Mean | N-Mean | Transform: Arcsin Square Root | | | | N | t-Stat | 1-Tailed Critical | MSD | Isotonic | |
|-----------|--------|--------|-------------------------------|--------|--------|--------|---|--------|-------------------|--------|----------|--------|
| | | | Mean | Min | Max | CV% | | | | | Mean | N-Mean |
| N Control | 0.9667 | 1.0000 | 1.3755 | 1.3096 | 1.4413 | 5.528 | 4 | | | | 0.9667 | 1.0000 |
| 10 | 0.9500 | 0.9828 | 1.3473 | 1.1970 | 1.4413 | 8.750 | 4 | 0.270 | 2.410 | 0.2514 | 0.9500 | 0.9828 |
| 19 | 0.9500 | 0.9828 | 1.3473 | 1.1970 | 1.4413 | 8.750 | 4 | 0.270 | 2.410 | 0.2514 | 0.9500 | 0.9828 |
| 38 | 0.8167 | 0.8448 | 1.1663 | 0.8861 | 1.4413 | 21.792 | 4 | 2.005 | 2.410 | 0.2514 | 0.8167 | 0.8448 |
| *75 | 0.5667 | 0.5862 | 0.8546 | 0.7520 | 1.0282 | 15.428 | 4 | 4.994 | 2.410 | 0.2514 | 0.5667 | 0.5862 |
| *100 | 0.3167 | 0.3276 | 0.5935 | 0.4636 | 0.7520 | 20.653 | 4 | 7.497 | 2.410 | 0.2514 | 0.3167 | 0.3276 |

| Auxiliary Tests | | | | | Statistic | Critical | Skew | Kurt | | | | | | |
|--|--|--|--|--|-----------|----------|---------|---------|---------|---------|---------|---------|---------|-------|
| Shapiro-Wilk's Test indicates normal distribution (p > 0.01) | | | | | 0.97769 | 0.884 | 0.00674 | -0.2934 | | | | | | |
| Bartlett's Test indicates equal variances (p = 0.47) | | | | | 4.59476 | 15.0863 | | | | | | | | |
| Hypothesis Test (1-tail, 0.05) | | | | | NOEC | LOEC | ChV | TU | MSDu | MSDp | MSB | MSE | F-Prob | df |
| Dunnett's Test | | | | | 38 | 75 | 53.3854 | | 0.14896 | 0.15479 | 0.41461 | 0.02176 | 1.3E-06 | 5, 18 |
| Treatments vs N Control | | | | | | | | | | | | | | |

Linear Interpolation (200 Resamples)

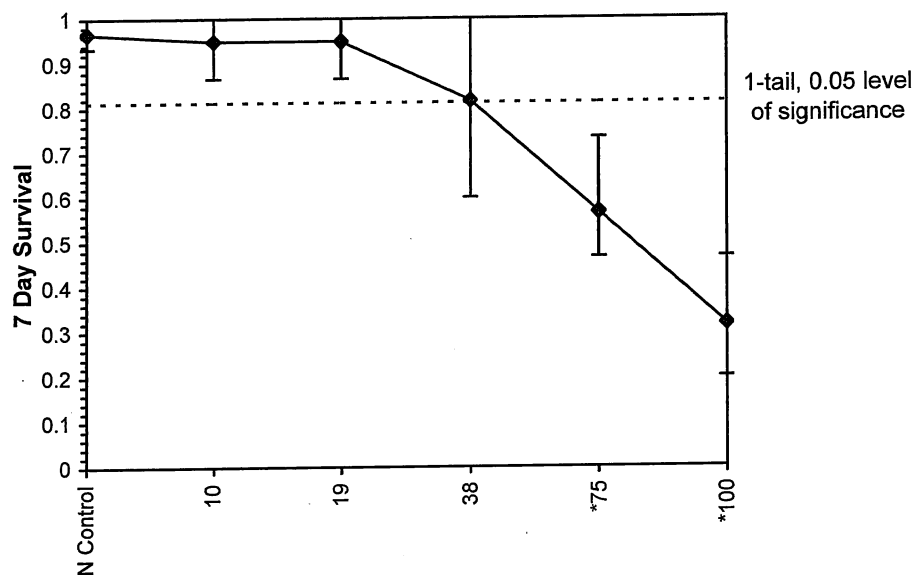
| Point | ug/L | SD | 95% CL(Exp) | | Skew |
|-------|--------|-------|-------------|--------|---------|
| IC05 | 23.513 | 7.699 | 0.000 | 53.232 | 0.7560 |
| IC10 | 30.400 | 7.103 | 16.967 | 56.702 | 0.7356 |
| IC15 | 37.288 | 7.294 | 20.060 | 60.303 | 0.3251 |
| IC20 | 44.413 | 7.723 | 21.483 | 65.171 | 0.0120 |
| IC25 | 51.567 | 8.217 | 23.596 | 73.164 | -0.3634 |
| IC40 | 73.027 | 6.092 | 54.257 | 87.705 | -0.4569 |
| IC50 | 83.333 | 4.437 | 67.176 | 95.011 | -0.2642 |



Larval Fish Growth and Survival Test-7 Day Survival

| | | |
|-----------------------------|----------------------------|--------------------------------------|
| Start Date: 12/8/2009 | Test ID: FHD120809 | Sample ID: REF-Ref Toxicant |
| End Date: 12/15/2009 | Lab ID: CAABC | Sample Type: CUCL-Copper chloride |
| Sample Date: 12/8/2009 | Protocol: EPA-821-R-02-013 | Test Species: PP-Pimephales promelas |
| Comments: Standard Toxicant | | |

Dose-Response Plot



Larval Fish Growth and Survival Test-7 Day Biomass

| | | |
|-----------------------------|----------------------------|--------------------------------------|
| Start Date: 12/8/2009 | Test ID: FHD120809 | Sample ID: REF-Ref Toxicant |
| End Date: 12/15/2009 | Lab ID: CAABC | Sample Type: CUCL-Copper chloride |
| Sample Date: 12/8/2009 | Protocol: EPA-821-R-02-013 | Test Species: PP-Pimephales promelas |
| Comments: Standard Toxicant | | |

| Conc-ug/L | 1 | 2 | 3 | 4 |
|-----------|--------|--------|--------|--------|
| N Control | 0.2693 | 0.2527 | 0.2507 | 0.3040 |
| 10 | 0.2433 | 0.2180 | 0.2580 | 0.1620 |
| 19 | 0.1993 | 0.2387 | 0.1853 | 0.2027 |
| 38 | 0.1147 | 0.1113 | 0.2613 | 0.1467 |
| 75 | 0.0640 | 0.0933 | 0.0873 | 0.0747 |
| 100 | 0.0380 | 0.0253 | 0.0293 | 0.0340 |

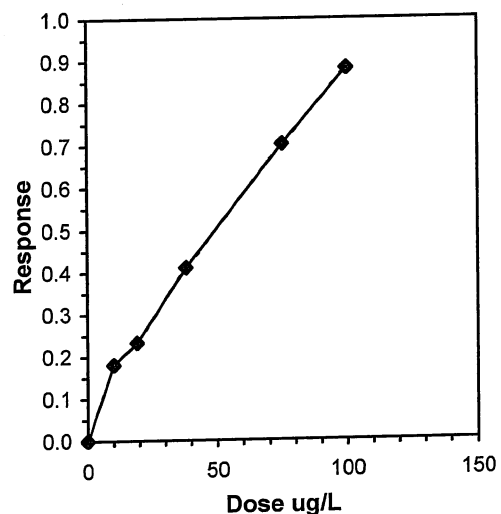
| Conc-ug/L | Mean | N-Mean | Transform: Untransformed | | | | N | t-Stat | 1-Tailed Critical | MSD | Isotonic | |
|-----------|--------|--------|--------------------------|--------|--------|--------|---|--------|-------------------|--------|----------|--------|
| | | | Mean | Min | Max | CV% | | | | | Mean | N-Mean |
| N Control | 0.2692 | 1.0000 | 0.2692 | 0.2507 | 0.3040 | 9.170 | 4 | | | | 0.2692 | 1.0000 |
| 10 | 0.2203 | 0.8186 | 0.2203 | 0.1620 | 0.2580 | 19.177 | 4 | 1.883 | 2.410 | 0.0625 | 0.2203 | 0.8186 |
| *19 | 0.2065 | 0.7672 | 0.2065 | 0.1853 | 0.2387 | 11.003 | 4 | 2.417 | 2.410 | 0.0625 | 0.2065 | 0.7672 |
| *38 | 0.1585 | 0.5889 | 0.1585 | 0.1113 | 0.2613 | 44.405 | 4 | 4.268 | 2.410 | 0.0625 | 0.1585 | 0.5889 |
| *75 | 0.0798 | 0.2966 | 0.0798 | 0.0640 | 0.0933 | 16.426 | 4 | 7.302 | 2.410 | 0.0625 | 0.0798 | 0.2966 |
| *100 | 0.0317 | 0.1176 | 0.0317 | 0.0253 | 0.0380 | 17.403 | 4 | 9.160 | 2.410 | 0.0625 | 0.0317 | 0.1176 |

| Auxiliary Tests | | | | | Statistic | Critical | Skew | Kurt | | |
|--|------|------|--------|----|-----------|----------|---------|---------|---------|-------|
| Shapiro-Wilk's Test indicates normal distribution (p > 0.01) | | | | | 0.90706 | 0.884 | 1.13581 | 3.57252 | | |
| Bartlett's Test indicates unequal variances (p = 6.97E-03) | | | | | 15.9547 | 15.0863 | | | | |
| Hypothesis Test (1-tail, 0.05) | NOEC | LOEC | ChV | TU | MSDu | MSDp | MSB | MSE | F-Prob | df |
| Dunnett's Test | 10 | 19 | 13.784 | | 0.06249 | 0.23214 | 0.03249 | 0.00134 | 2.1E-07 | 5, 18 |
| Treatments vs N Control | | | | | | | | | | |

Linear Interpolation (200 Resamples)

| Point | ug/L | SD | 95% CL(Exp) | | Skew |
|-------|--------|-------|-------------|--------|---------|
| IC05* | 2.756 | 1.774 | 0.911 | 11.699 | 2.8149 |
| IC10* | 5.512 | 2.704 | 1.822 | 17.186 | 1.8685 |
| IC15* | 8.268 | 5.328 | 2.733 | 29.484 | 3.1533 |
| IC20 | 13.253 | 7.603 | 2.306 | 54.819 | 1.6874 |
| IC25 | 20.831 | 8.946 | 0.324 | 56.286 | 0.8939 |
| IC40 | 36.813 | 8.645 | 19.562 | 64.194 | 0.3597 |
| IC50 | 49.249 | 9.093 | 23.202 | 68.584 | -0.2290 |

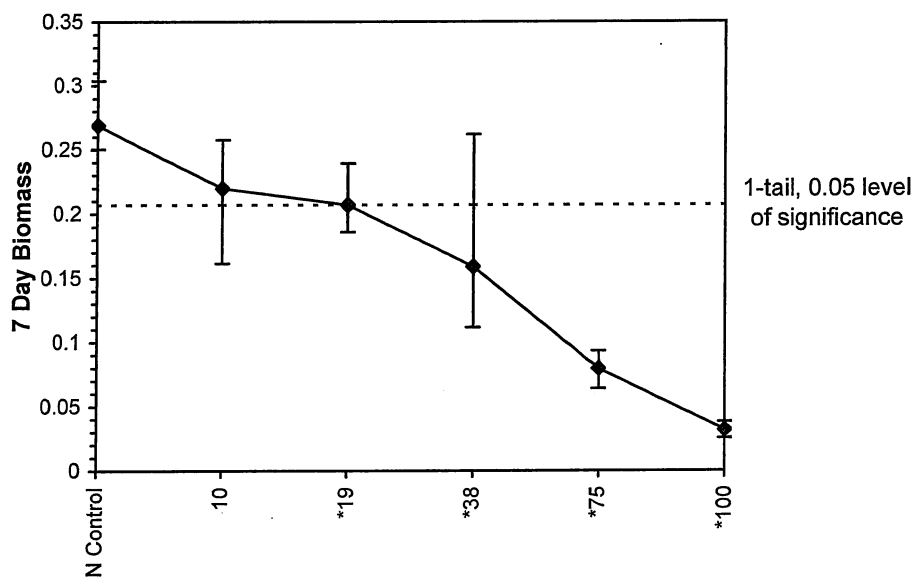
* indicates IC estimate less than the lowest concentration



Larval Fish Growth and Survival Test-7 Day Biomass

| | | | | | |
|--------------|-------------------|-----------|------------------|---------------|------------------------|
| Start Date: | 12/8/2009 | Test ID: | FHD120809 | Sample ID: | REF-Ref Toxicant |
| End Date: | 12/15/2009 | Lab ID: | CAABC | Sample Type: | CUCL-Copper chloride |
| Sample Date: | 12/8/2009 | Protocol: | EPA-821-R-02-013 | Test Species: | PP-Pimephales promelas |
| Comments: | Standard Toxicant | | | | |

Dose-Response Plot



Larval Fish Growth and Survival Test-7 Day Biomass

| | | |
|-----------------------------|----------------------------|--------------------------------------|
| Start Date: 12/8/2009 | Test ID: FHD120809 | Sample ID: REF-Ref Toxicant |
| End Date: 12/15/2009 | Lab ID: CAABC | Sample Type: CUCL-Copper chloride |
| Sample Date: 12/8/2009 | Protocol: EPA-821-R-02-013 | Test Species: PP-Pimephales promelas |
| Comments: Standard Toxicant | | |

| | | Auxiliary Data Summary | | | | | |
|-----------|-----------------|------------------------|--------|--------|------|-------|---|
| Conc-ug/L | Parameter | Mean | Min | Max | SD | CV% | N |
| N Control | Temp C | 24.35 | 24.00 | 24.80 | 0.32 | 2.31 | 8 |
| 10 | | 24.36 | 24.00 | 24.90 | 0.33 | 2.37 | 8 |
| 19 | | 24.35 | 24.00 | 24.90 | 0.35 | 2.42 | 8 |
| 38 | | 24.38 | 24.00 | 24.90 | 0.35 | 2.44 | 8 |
| 75 | | 24.29 | 24.00 | 24.80 | 0.29 | 2.20 | 8 |
| 100 | | 24.31 | 24.00 | 24.80 | 0.27 | 2.14 | 8 |
| N Control | pH | 8.10 | 7.90 | 8.30 | 0.17 | 5.08 | 8 |
| 10 | | 8.03 | 7.80 | 8.30 | 0.18 | 5.33 | 8 |
| 19 | | 8.01 | 7.80 | 8.30 | 0.19 | 5.42 | 8 |
| 38 | | 8.01 | 7.90 | 8.30 | 0.15 | 4.77 | 8 |
| 75 | | 7.98 | 7.80 | 8.30 | 0.15 | 4.84 | 8 |
| 100 | | 7.94 | 7.80 | 8.30 | 0.17 | 5.17 | 8 |
| N Control | D. O. mg/L | 7.28 | 5.80 | 7.90 | 0.73 | 11.75 | 8 |
| 10 | | 7.21 | 5.70 | 7.90 | 0.81 | 12.52 | 8 |
| 19 | | 7.24 | 5.60 | 7.80 | 0.85 | 12.75 | 8 |
| 38 | | 7.24 | 5.60 | 7.80 | 0.85 | 12.71 | 8 |
| 75 | | 7.24 | 5.50 | 7.80 | 0.86 | 12.79 | 8 |
| 100 | | 7.24 | 5.50 | 7.80 | 0.86 | 12.79 | 8 |
| N Control | Hardness mg/L | 95.25 | 93.00 | 99.00 | 3.11 | 1.85 | 8 |
| 10 | | 0.00 | 0.00 | 0.00 | 0.00 | | 0 |
| 19 | | 0.00 | 0.00 | 0.00 | 0.00 | | 0 |
| 38 | | 0.00 | 0.00 | 0.00 | 0.00 | | 0 |
| 75 | | 0.00 | 0.00 | 0.00 | 0.00 | | 0 |
| 100 | | 105.00 | 105.00 | 105.00 | 0.00 | 0.00 | 8 |
| N Control | Cond-umhos | 353.13 | 339.00 | 365.00 | 8.20 | 0.81 | 8 |
| 10 | | 347.38 | 337.00 | 368.00 | 9.53 | 0.89 | 8 |
| 19 | | 346.38 | 337.00 | 368.00 | 9.98 | 0.91 | 8 |
| 38 | | 342.88 | 338.00 | 355.00 | 5.96 | 0.71 | 8 |
| 75 | | 342.25 | 337.00 | 352.00 | 5.18 | 0.66 | 8 |
| 100 | | 343.13 | 339.00 | 353.00 | 4.82 | 0.64 | 8 |
| N Control | Alkalinity mg/L | 61.00 | 61.00 | 61.00 | 0.00 | 0.00 | 8 |
| 10 | | 0.00 | 0.00 | 0.00 | 0.00 | | 0 |
| 19 | | 0.00 | 0.00 | 0.00 | 0.00 | | 0 |
| 38 | | 0.00 | 0.00 | 0.00 | 0.00 | | 0 |
| 75 | | 0.00 | 0.00 | 0.00 | 0.00 | | 0 |
| 100 | | 60.00 | 60.00 | 60.00 | 0.00 | 0.00 | 8 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC CERIODAPHNIA SURVIVAL AND REPRODUCTION BIOASSAY

DATE: 8 December - 09

STANDARD TOXICANT: Copper Chloride

ENDPOINT: SURVIVAL

NOEC = 10.00 ug/l

IC25 = 11.67 ug/l

IC50 = 14.44 ug/l


ENDPOINT: REPRODUCTION

NOEC = 3.00 ug/l

IC25 = 9.07 ug/l

IC50 = 13.20 ug/l

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

Ceriodaphnia Survival and Reproduction Test-7 Day Survival

| | | |
|-----------------------------|----------------------------|-------------------------------------|
| Start Date: 12/8/2009 | Test ID: CER120809 | Sample ID: CA0000000 |
| End Date: 12/15/2009 | Lab ID: CAABC | Sample Type: CUCL-Copper chloride |
| Sample Date: 12/8/2009 | Protocol: EPA-821-R-02-013 | Test Species: CD-Ceriodaphnia dubia |
| Comments: Standard Toxicant | | |

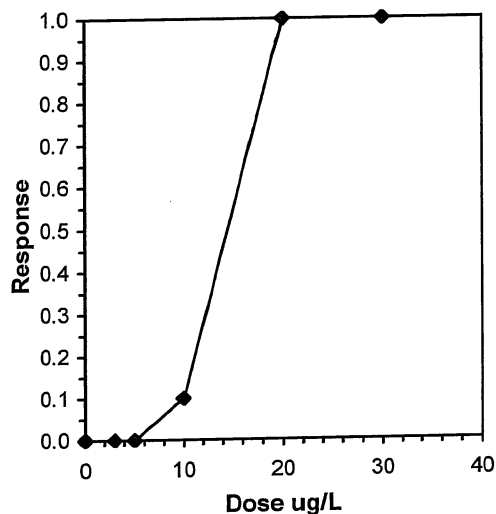
| Conc-ug/L | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| N Control | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 3 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 5 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 10 | 0.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| 20 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 30 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

| Conc-ug/L | Mean | N-Mean | Resp | Not Resp | Total | N | Fisher's Exact P | 1-Tailed Critical | Isotonic Mean | N-Mean |
|-----------|--------|--------|------|----------|-------|----|------------------|-------------------|---------------|--------|
| N Control | 1.0000 | 1.0000 | 0 | 10 | 10 | 10 | | | 1.0000 | 1.0000 |
| 3 | 1.0000 | 1.0000 | 0 | 10 | 10 | 10 | 1.0000 | 0.0500 | 1.0000 | 1.0000 |
| 5 | 1.0000 | 1.0000 | 0 | 10 | 10 | 10 | 1.0000 | 0.0500 | 1.0000 | 1.0000 |
| 10 | 0.9000 | 0.9000 | 1 | 9 | 10 | 10 | 0.5000 | 0.0500 | 0.9000 | 0.9000 |
| 20 | 0.0000 | 0.0000 | 10 | 0 | 10 | 10 | | | 0.0000 | 0.0000 |
| 30 | 0.0000 | 0.0000 | 10 | 0 | 10 | 10 | | | 0.0000 | 0.0000 |

| Hypothesis Test (1-tail, 0.05) | NOEC | LOEC | ChV | TU |
|--------------------------------|------|------|---------|----|
| Fisher's Exact Test | 10 | 20 | 14.1421 | |
| Treatments vs N Control | | | | |

Linear Interpolation (200 Resamples)

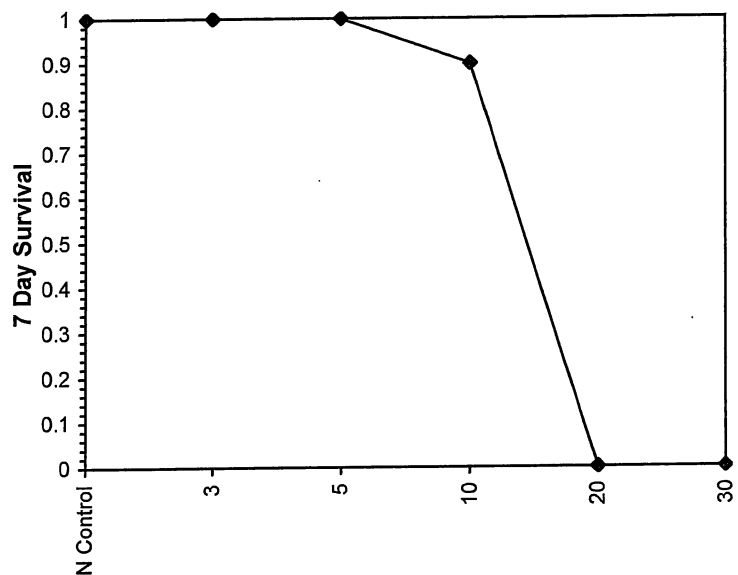
| Point | ug/L | SD | 95% CL | | Skew |
|-------|--------|-------|--------|--------|---------|
| IC05 | 7.500 | 1.734 | 5.833 | 10.500 | 0.2423 |
| IC10 | 10.000 | 1.365 | 6.667 | 11.000 | -1.2585 |
| IC15 | 10.556 | 1.165 | 7.500 | 11.500 | -1.3320 |
| IC20 | 11.111 | 0.987 | 8.333 | 12.000 | -1.5724 |
| IC25 | 11.667 | 0.917 | 9.167 | 12.500 | -1.5688 |
| IC40 | 13.333 | 0.742 | 11.429 | 14.000 | -1.7366 |
| IC50 | 14.444 | 0.618 | 12.857 | 15.000 | -1.7366 |



Ceriodaphnia Survival and Reproduction Test-7 Day Survival

| | | | | | |
|--------------|-------------------|-----------|------------------|---------------|-----------------------|
| Start Date: | 12/8/2009 | Test ID: | CER120809 | Sample ID: | CA0000000 |
| End Date: | 12/15/2009 | Lab ID: | CAABC | Sample Type: | CUCL-Copper chloride |
| Sample Date: | 12/8/2009 | Protocol: | EPA-821-R-02-013 | Test Species: | CD-Ceriodaphnia dubia |
| Comments: | Standard Toxicant | | | | |

Dose-Response Plot



Ceriodaphnia Survival and Reproduction Test-Reproduction

| | | |
|-----------------------------|----------------------------|-------------------------------------|
| Start Date: 12/8/2009 | Test ID: CER120809 | Sample ID: CA0000000 |
| End Date: 12/15/2009 | Lab ID: CAABC | Sample Type: CUCL-Copper chloride |
| Sample Date: 12/8/2009 | Protocol: EPA-821-R-02-013 | Test Species: CD-Ceriodaphnia dubia |
| Comments: Standard Toxicant | | |

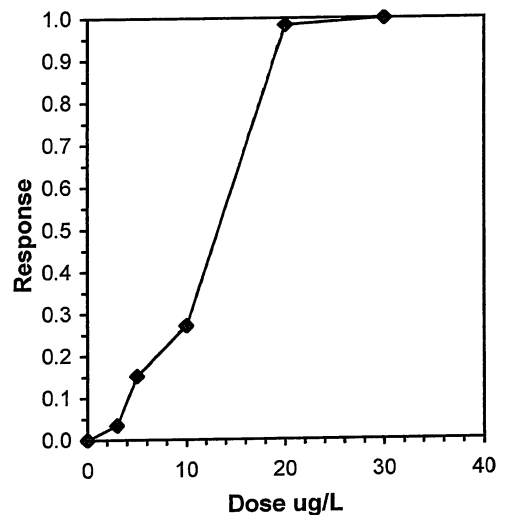
| Conc-ug/L | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| N Control | 26.000 | 20.000 | 22.000 | 28.000 | 23.000 | 31.000 | 29.000 | 26.000 | 24.000 | 28.000 |
| 3 | 29.000 | 19.000 | 25.000 | 24.000 | 29.000 | 27.000 | 21.000 | 23.000 | 24.000 | 27.000 |
| 5 | 20.000 | 19.000 | 23.000 | 24.000 | 22.000 | 20.000 | 22.000 | 21.000 | 23.000 | 24.000 |
| 10 | 4.000 | 21.000 | 21.000 | 23.000 | 20.000 | 25.000 | 20.000 | 17.000 | 19.000 | 17.000 |
| 20 | 4.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| Conc-ug/L | Mean | N-Mean | Transform: Untransformed | | | | | t-Stat | 1-Tailed Critical | MSD | Isotonic | |
|-----------|--------|--------|--------------------------|--------|--------|---------|----|--------|-------------------|-------|----------|--------|
| | | | Mean | Min | Max | CV% | N | | | | Mean | N-Mean |
| N Control | 25.700 | 1.0000 | 25.700 | 20.000 | 31.000 | 13.360 | 10 | | | | 25.700 | 1.0000 |
| 3 | 24.800 | 0.9650 | 24.800 | 19.000 | 29.000 | 13.279 | 10 | 0.581 | 2.223 | 3.444 | 24.800 | 0.9650 |
| *5 | 21.800 | 0.8482 | 21.800 | 19.000 | 24.000 | 8.033 | 10 | 2.518 | 2.223 | 3.444 | 21.800 | 0.8482 |
| *10 | 18.700 | 0.7276 | 18.700 | 4.000 | 25.000 | 30.569 | 10 | 4.519 | 2.223 | 3.444 | 18.700 | 0.7276 |
| *20 | 0.400 | 0.0156 | 0.400 | 0.000 | 4.000 | 316.228 | 10 | 16.334 | 2.223 | 3.444 | 0.400 | 0.0156 |
| 30 | 0.000 | 0.0000 | 0.000 | 0.000 | 0.000 | 0.000 | 10 | | | | 0.000 | 0.0000 |

| Auxiliary Tests | | | | | Statistic | Critical | Skew | Kurt | | |
|---|------|------|---------|----|-----------|----------|---------|---------|---------|-------|
| Shapiro-Wilk's Test indicates non-normal distribution (p <= 0.01) | | | | | 0.88825 | 0.93 | -1.7035 | 6.93478 | | |
| Bartlett's Test indicates unequal variances (p = 2.52E-04) | | | | | 21.4959 | 13.2767 | | | | |
| Hypothesis Test (1-tail, 0.05) | NOEC | LOEC | ChV | TU | MSDu | MSDp | MSB | MSE | F-Prob | df |
| Dunnett's Test | 3 | 5 | 3.87298 | | 3.44374 | 0.134 | 1074.57 | 11.9956 | 7.8E-21 | 4, 45 |
| Treatments vs N Control | | | | | | | | | | |

Linear Interpolation (200 Resamples)

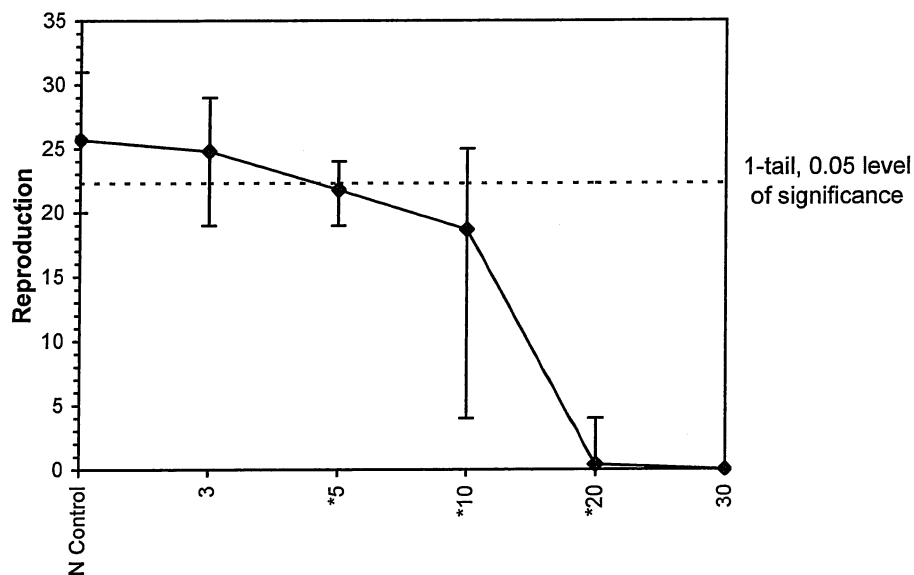
| Point | ug/L | SD | 95% CL | | Skew |
|-------|--------|-------|--------|--------|---------|
| IC05 | 3.257 | 0.865 | 1.170 | 4.104 | -0.7171 |
| IC10 | 4.113 | 0.745 | 2.340 | 5.284 | 0.1835 |
| IC15 | 4.970 | 1.364 | 3.648 | 10.051 | 1.7434 |
| IC20 | 7.000 | 1.724 | 4.760 | 10.648 | 0.5400 |
| IC25 | 9.073 | 1.468 | 6.243 | 11.245 | -0.5391 |
| IC40 | 11.792 | 0.776 | 10.045 | 13.034 | -0.9766 |
| IC50 | 13.197 | 0.656 | 11.748 | 14.228 | -1.0614 |



Ceriodaphnia Survival and Reproduction Test-Reproduction

| | | | | | |
|--------------|-------------------|-----------|------------------|---------------|-----------------------|
| Start Date: | 12/8/2009 | Test ID: | CER120809 | Sample ID: | CA0000000 |
| End Date: | 12/15/2009 | Lab ID: | CAABC | Sample Type: | CUCL-Copper chloride |
| Sample Date: | 12/8/2009 | Protocol: | EPA-821-R-02-013 | Test Species: | CD-Ceriodaphnia dubia |
| Comments: | Standard Toxicant | | | | |

Dose-Response Plot



Ceriodaphnia Survival and Reproduction Test-Reproduction

| | | |
|-----------------------------|----------------------------|-------------------------------------|
| Start Date: 12/8/2009 | Test ID: CER120809 | Sample ID: CA0000000 |
| End Date: 12/15/2009 | Lab ID: CAABC | Sample Type: CUCL-Copper chloride |
| Sample Date: 12/8/2009 | Protocol: EPA-821-R-02-013 | Test Species: CD-Ceriodaphnia dubia |
| Comments: Standard Toxicant | | |

Auxiliary Data Summary

| Conc-ug/L | Parameter | Mean | Min | Max | SD | CV% | N |
|-----------|-----------------|--------|--------|--------|------|-------|---|
| N Control | Temp C | 24.18 | 24.00 | 24.60 | 0.20 | 1.84 | 8 |
| 3 | | 24.16 | 24.00 | 24.70 | 0.23 | 2.00 | 8 |
| 5 | | 24.16 | 24.00 | 24.70 | 0.23 | 2.00 | 8 |
| 10 | | 24.15 | 24.00 | 24.70 | 0.23 | 2.00 | 8 |
| 20 | | 24.14 | 24.00 | 24.70 | 0.25 | 2.07 | 7 |
| 30 | | 24.20 | 24.00 | 24.40 | 0.28 | 2.20 | 2 |
| N Control | pH | 8.14 | 7.90 | 8.30 | 0.18 | 5.17 | 8 |
| 3 | | 8.04 | 7.90 | 8.20 | 0.09 | 3.77 | 8 |
| 5 | | 8.00 | 7.90 | 8.10 | 0.08 | 3.44 | 8 |
| 10 | | 7.95 | 7.90 | 8.10 | 0.08 | 3.46 | 8 |
| 20 | | 7.93 | 7.80 | 8.10 | 0.10 | 3.89 | 7 |
| 30 | | 8.10 | 8.10 | 8.10 | 0.00 | 0.00 | 2 |
| N Control | DO mg/L | 7.31 | 5.80 | 7.90 | 0.72 | 11.62 | 8 |
| 3 | | 7.28 | 5.80 | 7.80 | 0.70 | 11.49 | 8 |
| 5 | | 7.23 | 5.70 | 7.80 | 0.69 | 11.48 | 8 |
| 10 | | 7.23 | 5.60 | 7.80 | 0.71 | 11.67 | 8 |
| 20 | | 7.17 | 5.70 | 7.70 | 0.72 | 11.82 | 7 |
| 30 | | 7.80 | 7.70 | 7.90 | 0.14 | 4.82 | 2 |
| N Control | Hardness mg/L | 95.25 | 93.00 | 99.00 | 3.11 | 1.85 | 8 |
| 3 | | 0.00 | 0.00 | 0.00 | 0.00 | | 0 |
| 5 | | 0.00 | 0.00 | 0.00 | 0.00 | | 0 |
| 10 | | 0.00 | 0.00 | 0.00 | 0.00 | | 0 |
| 20 | | 0.00 | 0.00 | 0.00 | 0.00 | | 0 |
| 30 | | 110.00 | 110.00 | 110.00 | 0.00 | 0.00 | 2 |
| N Control | Cond umhos | 353.13 | 339.00 | 365.00 | 8.20 | 0.81 | 8 |
| 3 | | 346.75 | 337.00 | 358.00 | 7.76 | 0.80 | 8 |
| 5 | | 341.38 | 332.00 | 355.00 | 8.90 | 0.87 | 8 |
| 10 | | 337.13 | 331.00 | 345.00 | 4.29 | 0.61 | 8 |
| 20 | | 336.86 | 335.00 | 338.00 | 1.21 | 0.33 | 7 |
| 30 | | 333.00 | 332.00 | 334.00 | 1.41 | 0.36 | 2 |
| N Control | Alkalinity mg/L | 61.00 | 61.00 | 61.00 | 0.00 | 0.00 | 8 |
| 3 | | 0.00 | 0.00 | 0.00 | 0.00 | | 0 |
| 5 | | 0.00 | 0.00 | 0.00 | 0.00 | | 0 |
| 10 | | 0.00 | 0.00 | 0.00 | 0.00 | | 0 |
| 20 | | 0.00 | 0.00 | 0.00 | 0.00 | | 0 |
| 30 | | 65.00 | 65.00 | 65.00 | 0.00 | 0.00 | 2 |



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

BILL TO:

Ventura County Public Works Agency
Engineering Services Division
Attn: Victoria Escoto
800 South Victoria Ave, L#1670
Ventura, CA 93003-1670

ABCL Invoice No.: VCF1291.373
Event No.: 1
Invoice Date: 12/23/2009
Invoice Due Date: 1/22/2010
Report Due Date: 12/25/2009
Tax Payer I.D. No.: 77-0192238
AE No. 10-20
Project No. P6010504

Itemized Billing:

| ABCL Lab Number | VCWSPD Sample ID | Analysis | Unit Cost | Sample Quantity | Total Cost |
|--------------------|---|------------------|--------------|--------------------|---------------|
| VCF1209.069-071 | ME-CC, ME-SCR, ME-VR2 | Chronic Kelp | \$ 820.00 | 3 | \$ 2,460.00 |
| VCF1209.069-071 | ME-CC, ME-SCR, ME-VR2 | Chronic Urchin | \$ 720.00 | 3 | \$ 2,160.00 |
| VCF1209.069-071 | ME-CC, ME-SCR, ME-VR2 | Chronic Topsmelt | \$ 900.00 | 3 | \$ 2,700.00 |
| VCF1209.069-071 | ME-CC, ME-SCR, ME-VR2 | Chronic Menidia | \$ 500.00 | 3 | \$ 1,500.00 |
| VCF1209.072-075 | Camarillo-1, Ojai-1, VC Meiners Oaks-1, Ventura-1 | Fathead Minnow | \$ 900.00 | 4 | \$ 3,600.00 |
| VCF1209.072-075 | Camarillo-1, Ojai-1, VC Meiners Oaks-1, Ventura-1 | Daphnid | \$ 950.00 | 4 | \$ 3,800.00 |
| VCF1209.072-075 | Camarillo-1, Ojai-1, VC Meiners Oaks-1, Ventura-1 | Green Algae | \$ 585.00 | 4 | \$ 2,340.00 |



INVOICE TOTAL

\$ 18,560.00

Please send check to:

Aquatic Bioassay
29 North Olive Street
Ventura, Ca. 93001

GENERAL CLAIM

| | Payment |
|---------|---|
| Partial |  |
| Final |  |

OF-845 (REV 10/97) GC - 001

Appendix J. Dry-Weather Analytical Monitoring Results

| | Site ID | Ojai-1 | Ventura-1 | Oxnard-1 |
|-------------------------|--|------------------------------------|---------------------------------|---|
| | At Major Outfall? | Yes | Yes | No |
| | Location | Fox Barranca | Moon Ditch | El Rio Drain below Ventura Rd. |
| | Date | 06/28/10 | 06/28/10 | 06/28/10 |
| | Time | 0800 | 0915 | 0945 |
| Site Description | Conveyence Type | Box culvert | Trapezoidal channel | Box culvert |
| | Dimensions | N/A | N/A | 6' x 12' |
| | Dominant Land Use | Residential | Commercial & residential | Commercial & residential |
| | Site Elevation | 720 | 70 | 60 |
| Weather | Weather | Partly cloudy | Overcast | Overcast |
| | Wind Condtion | Slight breeze | Calm | Calm |
| | Air Temp. (°F) | 66 | 66 | 66 |
| Trash | Trash (general area) | Moderate | None | Moderate |
| | Trash (stream banks) | None | None | Light |
| Observations | Water Clarity | Clear | Clear | Clear |
| | Water Color | Clear | Clear | Other |
| | Odors | Sulfur | None | None |
| | Floatables | None | None | None |
| | Foam | N/A | N/A | N/A |
| | Stains/ deposits | Leaf litter | Mud film | Sediment, leaf litter |
| | Structural condition | Concrete channel | Concrete channel | Concrete channel |
| | Vegetation Condition | N/A | N/A | N/A |
| | Biology | Moss & algae only | N/A | N/A |
| | Algae (suspended) | N/A | N/A | N/A |
| Water Chemistry (Field) | Algae (substrate) | Brown / 50% | Brown / 5% | Green, brown / 10% |
| | Dissolved Oxygen (%) | 102.5 | 75.4 | 68.4 |
| | Dissolved Oxygen (mg/L) | 9.55 | 6.66 | 6.58 |
| | Conductivity (µS) | 1583 | 3947 | 1144 |
| | Specific Conductance (µS) | 1812 | 4283 | 1349 |
| | Salinity (ppt) | 0.9 | 2.3 | 0.7 |
| | Water Temp. (°C) | 18.5 | 19.9 | 17.0 |
| | Water Temp. (°F) | 65.3 | 8.5 | 62.6 |
| | pH | 8.13 | 8.5 | 8.04 |
| | Turbidity (NTU) | 0.77 | 3.41 | 4.14 |
| Water Chemistry (Lab) | Total Organic Carbon (mg/L) | 3.1 | 25 | 16 |
| | Total Hardness as CaCO ₃ (mg/L) | 660 | 1,200 | 390 |
| | Total Calcium (mg/L) | 140 | 190 | 84 |
| | Total Magnesium (mg/L) | 76 | 170 | 45 |
| | Dissolved Copper (µg/L) | 0.80 | 36 | 33 |
| | Dissolved Lead (µg/L) | ND | 0.45 | 0.074 |
| | Dissolved Zinc (µg/L) | 1.7 | 9.0 | 15 |
| | Total Coliform (MPN/100 mL) | 29,090 | 344,800 | 4,884 |
| | <i>E. coli</i> (MPN/100 mL) | 15,531 | 161 | 341 |
| Estimated Flow | Flow Status | Flowing | Flowing | Flowing |
| | Water Width (ft.) | 4.0 | 20.0 | 0.5 |
| | Water Depth (ft.) | 0.02 | 0.01 | 0.02 |
| | Flow Velocity (ft/s) | 1.11 | 0.50 | 1.67 |
| | Flow Rate (ft ³ /s) | 0.09 | 0.10 | 0.02 |
| | Comments | Tree limb refuse dumped in channel | Channel recently cleaned by O&M | Samples taken d/s Ventura Rd. Bright blue water color - copper sulfate? |

| | Site ID | Port Hueneme-1 | Camarillo-1 | Thousand Oaks-1 |
|-------------------------|--|------------------------------|--|---------------------------------|
| | At Major Outfall? | No | Yes | Yes |
| | Location | Bubbling Springs @ RR xing | Camarillo Hills Drain | Hill Canyon WWTP |
| | Date | 06/28/10 | 06/28/10 | 06/28/10 |
| | Time | 1015 | 1100 | 1215 |
| Site Description | Conveyence Type | Natural channel | Box culvert | Natural channel |
| | Dimensions | N/A | 8' x 20' | N/A |
| | Dominant Land Use | Commercial & residential | Commercial & residential | Commercial, residential & rural |
| | Site Elevation | 10 | 100 | 280 |
| Weather | Weather | Overcast | Overcast | Clear |
| | Wind Condtion | Calm | Slight breeze | Moderate breeze |
| | Air Temp. (°F) | 64 | 70 | 72 |
| Trash | Trash (general area) | Moderate | None | None |
| | Trash (stream banks) | None | None | None |
| Observations | Water Clarity | Cloudy | Clear | Clear |
| | Water Color | Black | Clear | Clear |
| | Odors | None | None | None |
| | Floatables | Oily sheen | None | None |
| | Foam | N/A | N/A | N/A |
| | Stains/ deposits | N/A | Paint on walls | N/A |
| | Structural condition | Natural channel | Concrete channel | Rip-rap with natural bottom |
| | Vegetation Condition | Lawns surrounding channel | N/A | Healthy |
| | Biology | Many ducks | N/A | Heavy willows |
| | Algae (suspended) | Green / 15% | N/A | N/A |
| Water Chemistry (Field) | Algae (substrate) | N/A | N/A | Green |
| | Dissolved Oxygen (%) | 23.6 | 136.6 | 100.3 |
| | Dissolved Oxygen (mg/L) | 2.17 | 11.85 | 9.03 |
| | Conductivity (µS) | 2058 | 1183 | 1700 |
| | Specific Conductance (µS) | 2330 | 1259 | 1900 |
| | Salinity (ppt) | 1.2 | 0.6 | 1.0 |
| | Water Temp. (°C) | 18.8 | 21.8 | 19.7 |
| | Water Temp. (°F) | 65.8 | 71.2 | 67.5 |
| | pH | 7.66 | 9.35 | 8.33 |
| | Turbidity (NTU) | 47.90 | 2.93 | 1.90 |
| Water Chemistry (Lab) | Total Organic Carbon (mg/L) | 5.3 | 12 | 2.8 |
| | Total Hardness as CaCO ₃ (mg/L) | 870 | 370 | 680 |
| | Total Calcium (mg/L) | 220 | 100 | 100 |
| | Total Magnesium (mg/L) | 76 | 28 | 100 |
| | Dissolved Copper (µg/L) | 0.73 | 10 | 1.0 |
| | Dissolved Lead (µg/L) | ND | 0.027 | ND |
| | Dissolved Zinc (µg/L) | 2.1 | 3.4 | 2.5 |
| | Total Coliform (MPN/100 mL) | 6,750 | 129,970 | 9,804 |
| | <i>E. coli</i> (MPN/100 mL) | 3,076 | 3,873 | 161 |
| Estimated Flow | Flow Status | Flowing | Flowing | Flowing |
| | Water Width (ft.) | 12.0 | 1.0 | 12.0 |
| | Water Depth (ft.) | 0.50 | 0.01 | 1.00 |
| | Flow Velocity (ft/s) | 0.14 | 1.67 | 0.10 |
| | Flow Rate (ft ³ /s) | 0.84 | 0.02 | 1.20 |
| | Comments | Sampled upstream MO location | Heavy graffiti. Channel recently cleaned by O&M | |

| | Site ID | Moorpark-1 | Simi Valley-1 | Fillmore-1 |
|-------------------------|--|---------------------------------|--|-----------------------------------|
| | At Major Outfall? | Yes | Yes | Yes |
| | Location | Gabbert Drain | Bus Canyon Drain | North Fillmore Drain |
| | Date | 06/28/10 | 06/28/10 | 06/28/10 |
| | Time | 1300 | 1345 | 1445 |
| Site Description | Conveyence Type | Box culvert | Box culvert | Box culvert |
| | Dimensions | 5' x 12' | 7' x 15' | N/A |
| | Dominant Land Use | Commercial & residential | Commercial & residential | Residential |
| | Site Elevation | 460 | 760 | 430 |
| Weather | Weather | Clear | Clear | Clear |
| | Wind Condtion | Calm | Calm | Slight breeze |
| | Air Temp. (°F) | 82 | 84 | 86 |
| Trash | Trash (general area) | None | High | None |
| | Trash (stream banks) | None | Light | None |
| Observations | Water Clarity | Clear | Clear | Clear |
| | Water Color | Clear | Clear | Clear |
| | Odors | None | None | None |
| | Floatables | None | None | None |
| | Foam | N/A | N/A | N/A |
| | Stains/ deposits | Mud film | Moss, algae | N/A |
| | Structural condition | Concrete channel | Concrete channel | Natural channel below flap gate |
| | Vegetation Condition | N/A | N/A | Many cattails |
| | Biology | N/A | N/A | Heavy cattails |
| | Algae (suspended) | N/A | N/A | N/A |
| Water Chemistry (Field) | Algae (substrate) | N/A | Green | N/A |
| | Dissolved Oxygen (%) | 145.0 | 106.6 | 44.4 |
| | Dissolved Oxygen (mg/L) | 10.30 | 8.90 | 4.00 |
| | Conductivity (µS) | 3200 | 2600 | 1300 |
| | Specific Conductance (µS) | 2900 | 2700 | 1400 |
| | Salinity (ppt) | 1.2 | 1.4 | 0.7 |
| | Water Temp. (°C) | 33.4 | 24.3 | 20.6 |
| | Water Temp. (°F) | 92.1 | 75.7 | 69.1 |
| | pH | 9.04 | 7.84 | 7.92 |
| | Turbidity (NTU) | 17.23 | 1.19 | 2.54 |
| Water Chemistry (Lab) | Total Organic Carbon (mg/L) | 71 | 2.5 | 3.6 |
| | Total Hardness as CaCO ₃ (mg/L) | 310 | 1,100 | 590 |
| | Total Calcium (mg/L) | 65 | 270 | 160 |
| | Total Magnesium (mg/L) | 36 | 100 | 48 |
| | Dissolved Copper (µg/L) | 9.4 | 2.0 | 6.10 |
| | Dissolved Lead (µg/L) | 0.23 | ND | ND |
| | Dissolved Zinc (µg/L) | 12 | 2.0 | 4.9 |
| | Total Coliform (MPN/100 mL) | 1,989,000 | 81,640 | 24,192 |
| | <i>E. coli</i> (MPN/100 mL) | ND | 52 | 644 |
| Estimated Flow | Flow Status | Flowing | Flowing | Ponded |
| | Water Width (ft.) | | 9.0 | |
| | Water Depth (ft.) | | 0.17 | |
| | Flow Velocity (ft/s) | | 1.43 | |
| | Flow Rate (ft ³ /s) | <.01 | 2.15 | |
| | Comments | Channel recently cleaned by O&M | Groundwater extraction wells discharging u/s | Samples taken just d/s flap gates |

| | Site ID | Santa Paula-1 | Oak Park-1 |
|-------------------------|--|--|--|
| | At Major Outfall? | No | No |
| | Location | Fagan Canyon 100 yds. d/s Harvard Blvd. | MCW-12 Medea Creek @ Tamarind |
| | Date | 06/28/10 | 08/24/10 |
| | Time | 1530 | 0915 |
| Site Description | Conveyence Type | Box culvert | Natural channel |
| | Dimensions | 20' x 65' | N/A |
| | Dominant Land Use | Commercial & residential | Residential & rural |
| | Site Elevation | 250 | 1000 |
| Weather | Weather | Clear | Clear |
| | Wind Condtion | Moderate breeze | Slight breeze |
| | Air Temp. (°F) | 75 | 82 |
| Trash | Trash (general area) | High | Light |
| | Trash (stream banks) | None | Light |
| Observations | Water Clarity | Clear | Clear |
| | Water Color | Clear | Clear |
| | Odors | None | None |
| | Floatables | None | None |
| | Foam | N/A | N/A |
| | Stains/ deposits | Moss, mud, leaf litter | White deposit at waterline |
| | Structural condition | Concrete channel | Rip-rap with natural bottom |
| | Vegetation Condition | N/A | Minimal veg. area maintained |
| | Biology | N/A | Some macrophytes, mostly algae |
| | Algae (suspended) | N/A | Brown 5% |
| Water Chemistry (Field) | Algae (substrate) | Green, brown | Green 10%, brown 85% |
| | Dissolved Oxygen (%) | 94.7 | 107.0 |
| | Dissolved Oxygen (mg/L) | 8.32 | 10.55 |
| | Conductivity (µS) | 944 | 2415 |
| | Specific Conductance (µS) | 1010 | 2631 |
| | Salinity (ppt) | 0.5 | 1.4 |
| | Water Temp. (°C) | 21.5 | 20.7 |
| | Water Temp. (°F) | 70.7 | 69.3 |
| | pH | 9.51 | 7.89 |
| | Turbidity (NTU) | 1.48 | 1.03 |
| Water Chemistry (Lab) | Total Organic Carbon (mg/L) | 3.3 | 4.5 |
| | Total Hardness as CaCO ₃ (mg/L) | 330 | 1,700 |
| | Total Calcium (mg/L) | 80 | 280 |
| | Total Magnesium (mg/L) | 32 | 250 |
| | Dissolved Copper (µg/L) | 0.90 | 0.60 |
| | Dissolved Lead (µg/L) | ND | ND |
| | Dissolved Zinc (µg/L) | 2.6 | ND |
| | Total Coliform (MPN/100 mL) | 12,033 | 129,970 |
| | <i>E. coli</i> (MPN/100 mL) | 712 | 62 |
| Estimated Flow | Flow Status | Flowing | Flowing |
| | Water Width (ft.) | 6.0 | 7.0 |
| | Water Depth (ft.) | 0.02 | 0.01 |
| | Flow Velocity (ft/s) | 0.83 | 0.25 |
| | Flow Rate (ft ³ /s) | 0.10 | 0.20 |
| Comments | | Samples taken 100 yds. d/s Harvard Blvd. on Fagan Canyon | Dog ran through the water at sampling location before samples were taken |