

Section 6

PAH Concentrations

PAH Concentrations (ppb)

| STANUM STATION | IDORG | DATE | LEG | ANT | BAA | BAP | BBF | BKF | BGP | BEP | BPH | CHR | COR | DBA | DBT |
|--|-------|----------|------|--------|--------|--------|--------|-------|-------|--------|-------|--------|-------|-------|-------|
| 80024.1 ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4.0 | 157.00 | 117.00 | 81.40 | -9.00 | -9.00 | -9.00 | 69.70 | 6.30 | 466.00 | -9.00 | 10.40 | -9.00 |
| 80024.2 ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80024.3 ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4.0 | 22.00 | 110.00 | 67.00 | -9.00 | -9.00 | -9.00 | 120.00 | -8.00 | 210.00 | -9.00 | 20.00 | -9.00 |
| 80026.1 HUNTINGTON HARBOR- LOWER | 91 | 9/15/92 | 4.0 | -8.00 | 19.20 | 29.00 | -9.00 | -9.00 | -9.00 | 35.10 | -8.00 | 31.80 | -9.00 | 5.30 | -9.00 |
| 80026.2 HUNTINGTON HARBOR- LOWER | 92 | 9/15/92 | 4.0 | 8.70 | 21.00 | 26.00 | -9.00 | -9.00 | -9.00 | 26.00 | -8.00 | 30.00 | -9.00 | 5.80 | -9.00 |
| 80026.3 HUNTINGTON HARBOR- LOWER | 93 | 9/15/92 | 4.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80027.1 HUNTINGTON HARBOR- MIDDLE | 94 | 9/15/92 | 4.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80027.2 HUNTINGTON HARBOR- MIDDLE | 95 | 9/15/92 | 4.0 | 17.00 | 53.00 | 88.00 | -9.00 | -9.00 | -9.00 | 110.00 | -8.00 | 90.00 | -9.00 | 24.00 | -9.00 |
| 80027.3 HUNTINGTON HARBOR- MIDDLE | 96 | 9/15/92 | 4.0 | 9.90 | 59.00 | 83.00 | -9.00 | -9.00 | -9.00 | 110.00 | -8.00 | 110.00 | -9.00 | 24.00 | -9.00 |
| 80028.1 HUNTINGTON HARBOR- UPPER | 97 | 9/15/92 | 4.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80028.2 HUNTINGTON HARBOR- UPPER | 98 | 9/15/92 | 4.0 | 16.00 | 82.00 | 110.00 | -9.00 | -9.00 | -9.00 | 130.00 | -8.00 | 130.00 | -9.00 | 31.00 | -9.00 |
| 80028.3 HUNTINGTON HARBOR- UPPER | 99 | 9/15/92 | 4.0 | 17.00 | 140.00 | 150.00 | -9.00 | -9.00 | -9.00 | 200.00 | 7.20 | 240.00 | -9.00 | 34.00 | -9.00 |
| 80025.1 ANAHEIM BAY- OIL ISLAND | 88 | 10/14/92 | 5.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80025.2 ANAHEIM BAY- OIL ISLAND | 89 | 10/14/92 | 5.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80025.3 ANAHEIM BAY- OIL ISLAND | 90 | 10/14/92 | 5.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82001.0 ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9.0 | 5.80 | 13.60 | 15.10 | -9.00 | -9.00 | -9.00 | 15.60 | -8.00 | 18.00 | -9.00 | -8.00 | -9.00 |
| 82002.0 ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82003.0 ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82004.0 ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82005.0 HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9.0 | -8.00 | 19.90 | 33.30 | -9.00 | -9.00 | -9.00 | 43.10 | -8.00 | 37.70 | -9.00 | 5.50 | -9.00 |
| 82006.0 HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9.0 | 7.00 | 50.20 | 96.40 | -9.00 | -9.00 | -9.00 | 105.00 | -8.00 | 98.40 | -9.00 | 22.40 | -9.00 |
| 82039.0 BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9.0 | -8.00 | 13.50 | 24.00 | -9.00 | -9.00 | -9.00 | 50.50 | -8.00 | 23.60 | -9.00 | 11.70 | -9.00 |
| 82040.0 SEAL BEACH NWR | 440 | 12/11/92 | 9.0 | 18.10 | 23.70 | 33.50 | -9.00 | -9.00 | -9.00 | 23.20 | -8.00 | 42.40 | -9.00 | -8.00 | -9.00 |
| 82020.0 SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82030.0 ANAHEIM BAY-NAVAL RES.- REP 1 | 1044 | 2/2/94 | 25.0 | 21.00 | 42.00 | 98.50 | 96.30 | 33.90 | 58.40 | 51.90 | -8.00 | 65.30 | -9.00 | 13.90 | -9.00 |
| 82030.0 ANAHEIM BAY-NAVAL RES.- REP 2 | 1045 | 2/2/94 | 25.0 | 19.80 | 46.20 | 59.90 | 92.90 | 33.90 | 57.20 | 55.50 | -8.00 | 69.50 | -9.00 | 11.50 | -9.00 |
| 82030.0 ANAHEIM BAY-NAVAL RES.- REP 3 | 1046 | 2/2/94 | 25.0 | 25.80 | 51.20 | 70.70 | 102.00 | 37.60 | 63.80 | 61.20 | -8.00 | 80.10 | -9.00 | 13.90 | -9.00 |
| 82001.0 ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26.0 | -8.00 | 5.99 | 12.90 | 19.20 | 6.94 | 10.90 | 9.67 | -8.00 | 10.20 | -9.00 | -8.00 | -9.00 |
| 82001.0 ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26.0 | -8.00 | 6.03 | 8.76 | 15.00 | 6.53 | 10.00 | 9.53 | -8.00 | 10.30 | -9.00 | -8.00 | -9.00 |
| 82001.0 ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26.0 | -8.00 | -8.00 | -8.00 | 7.30 | -8.00 | -8.00 | 5.12 | -8.00 | 5.80 | -9.00 | -8.00 | -9.00 |
| 82002.0 ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26.0 | -8.00 | -8.00 | 6.56 | 7.95 | -8.00 | -8.00 | -8.00 | -8.00 | 5.27 | -9.00 | -8.00 | -9.00 |
| 82002.0 ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26.0 | -8.00 | -8.00 | -8.00 | 6.39 | -8.00 | -8.00 | 5.09 | -8.00 | 5.60 | -9.00 | -8.00 | -9.00 |
| 82002.0 ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26.0 | -8.00 | -8.00 | 6.10 | 7.42 | -8.00 | -8.00 | 5.75 | -8.00 | 5.81 | -9.00 | -8.00 | -9.00 |
| 82023.0 SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26.0 | -8.00 | -8.00 | -8.00 | 9.35 | -8.00 | -8.00 | 7.51 | -8.00 | 9.71 | -9.00 | -8.00 | -9.00 |
| 82023.0 SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26.0 | -8.00 | -8.00 | 6.41 | 9.70 | -8.00 | -8.00 | 5.22 | -8.00 | 7.34 | -9.00 | -8.00 | -9.00 |
| 82023.0 SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26.0 | -8.00 | 7.39 | 12.30 | 21.60 | 11.60 | 10.50 | 9.96 | -8.00 | 23.10 | -9.00 | -8.00 | -9.00 |
| 82040.0 SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26.0 | 8.84 | 13.30 | 13.70 | 20.80 | 9.78 | 15.30 | 14.40 | -8.00 | 21.30 | -9.00 | -8.00 | -9.00 |
| 82040.0 SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26.0 | 36.80 | 23.10 | 18.40 | 32.30 | 11.30 | 14.60 | 17.70 | -8.00 | 28.50 | -9.00 | -8.00 | -9.00 |

PAH Concentrations (ppb)

| STANUM | STATION | IDORG | DATE | LEG | ANT | BAA | BAP | BBF | BKF | BGP | BEP | BPH | CHR | COR | DBA | DBT |
|---------|---------------------------------|-------|---------|------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|-------|
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26.0 | -8.00 | 5.98 | 9.96 | 14.80 | 7.94 | 12.30 | 10.90 | -8.00 | 12.00 | -9.00 | -8.00 | -9.00 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/31/94 | 29.0 | 13.10 | 42.70 | 60.10 | 101.00 | 35.70 | 70.20 | 62.40 | -8.00 | 71.10 | -9.00 | 12.20 | -9.00 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/31/94 | 29.0 | 20.70 | 38.60 | 109.00 | 111.00 | 38.30 | 67.80 | 57.20 | -8.00 | 65.60 | -9.00 | 15.10 | -9.00 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/31/94 | 29.0 | 55.70 | 54.70 | 119.00 | 119.00 | 43.70 | 71.20 | 62.00 | 10.50 | 95.20 | -9.00 | 15.60 | -9.00 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29.0 | 18.40 | 88.30 | 180.00 | 273.00 | 99.30 | 207.00 | 156.00 | 6.14 | 145.00 | -9.00 | 46.10 | -9.00 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29.0 | 16.10 | 83.70 | 170.00 | 253.00 | 93.70 | 194.00 | 149.00 | 6.25 | 136.00 | -9.00 | 43.50 | -9.00 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29.0 | 18.50 | 84.60 | 252.00 | 319.00 | 116.00 | 221.00 | 153.00 | -8.00 | 124.00 | -9.00 | 61.90 | -9.00 |
| 80027.3 | HUNTINGTON HARBOR, MIDDLE-REP 1 | 1177 | 3/30/94 | 29.0 | -8.00 | 37.10 | 91.80 | 132.00 | 49.80 | 93.40 | 72.20 | -8.00 | 59.80 | -9.00 | 21.60 | -9.00 |
| 80027.3 | HUNTINGTON HARBOR, MIDDLE-REP 2 | 1178 | 3/30/94 | 29.0 | 7.58 | 32.20 | 122.00 | 159.00 | 57.20 | 97.90 | 70.50 | -8.00 | 47.80 | -9.00 | 26.60 | -9.00 |
| 80027.3 | HUNTINGTON HARBOR, MIDDLE-REP 3 | 1179 | 3/30/94 | 29.0 | 8.57 | 41.00 | 145.00 | 190.00 | 70.30 | 116.00 | 83.70 | -8.00 | 52.10 | -9.00 | 33.10 | -9.00 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34.0 | -8.00 | 22.20 | 47.70 | 62.40 | 21.80 | 50.70 | 38.10 | -8.00 | 29.10 | -9.00 | 10.00 | -9.00 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34.0 | -8.00 | 19.50 | 57.20 | 72.90 | 32.70 | 56.60 | 41.70 | -8.00 | 30.60 | -9.00 | -8.00 | -9.00 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34.0 | -8.00 | 24.20 | 61.90 | 72.80 | 35.20 | 45.00 | 38.30 | -8.00 | 37.00 | -9.00 | -8.00 | -9.00 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34.0 | -8.00 | 22.70 | 48.80 | 70.10 | 25.00 | 43.60 | 38.70 | -8.00 | 27.70 | -9.00 | -8.00 | -9.00 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34.0 | 7.79 | 47.30 | 105.00 | 132.00 | 48.90 | 83.30 | 73.50 | -8.00 | 59.50 | -9.00 | 17.50 | -9.00 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 8/30/94 | 34.0 | -8.00 | 20.00 | 56.10 | 83.30 | 30.60 | 46.00 | 41.40 | -8.00 | 29.10 | -9.00 | 10.30 | -9.00 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36.0 | -8.00 | 5.71 | 6.10 | 8.88 | -8.00 | 6.27 | 5.82 | -8.00 | 7.39 | -9.00 | -8.00 | -9.00 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36.0 | -8.00 | 27.90 | 49.30 | 65.80 | 30.10 | 53.60 | 43.60 | 5.25 | 50.30 | -9.00 | 16.70 | -9.00 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36.0 | -8.00 | 12.50 | 21.90 | 28.50 | 12.80 | 25.20 | 20.30 | -8.00 | 21.60 | -9.00 | -8.00 | -9.00 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36.0 | -8.00 | 26.30 | 62.70 | 77.60 | 27.10 | 59.30 | 45.70 | -8.00 | 33.80 | -9.00 | 12.10 | -9.00 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36.0 | -8.00 | 35.90 | 62.60 | 79.80 | 36.40 | 61.50 | 51.30 | -8.00 | 55.30 | -9.00 | 20.40 | -9.00 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36.0 | -8.00 | 24.30 | 58.20 | 69.40 | 24.30 | 55.20 | 42.50 | -8.00 | 28.50 | -9.00 | 11.20 | -9.00 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36.0 | 31.00 | 115.00 | 263.00 | 407.00 | 160.00 | 222.00 | 192.00 | -8.00 | 184.00 | -9.00 | 86.90 | -9.00 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36.0 | 20.00 | 87.30 | 320.00 | 439.00 | 159.00 | 388.00 | 248.00 | -8.00 | 125.00 | -9.00 | 63.90 | -9.00 |
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36.0 | 94.70 | 390.00 | 552.00 | 800.00 | 324.00 | 529.00 | 488.00 | 10.00 | 600.00 | -9.00 | 181.00 | -9.00 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36.0 | 23.40 | 76.70 | 142.00 | 161.00 | 69.50 | 71.50 | 70.70 | -8.00 | 104.00 | -9.00 | 73.30 | -9.00 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36.0 | 7.55 | 65.60 | 108.00 | 150.00 | 58.70 | 117.00 | 98.50 | -8.00 | 110.00 | -9.00 | 35.40 | -9.00 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36.0 | -8.00 | 6.72 | 9.43 | 18.00 | 7.57 | 15.70 | 11.60 | -8.00 | 9.46 | -9.00 | -8.00 | -9.00 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45.0 | 75.70 | 242.00 | 333.00 | 483.00 | 175.00 | 300.00 | 243.00 | -8.00 | 264.00 | 117.00 | 76.70 | 15.30 |
| 85001.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45.0 | -8.00 | 23.20 | 30.20 | 40.40 | 14.90 | 35.30 | 24.60 | -8.00 | 27.00 | 16.80 | 7.33 | -8.00 |

PAH Concentrations (ppb)

| STANUM | STATION | IDORG | DATE | LEG | DMN | FLA | FLU | IND | MNPI | MNP2 | MPH1 | NPH | PHN | PER | PYR | TMN |
|---------|--------------------------------|-------|----------|------|-------|--------|-------|-------|-------|-------|-------|-------|--------|-------|--------|-------|
| 80024.1 | ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4.0 | -8.00 | 326.00 | 49.10 | -9.00 | 5.40 | 11.30 | 13.20 | -9.00 | 247.00 | 24.50 | 293.00 | -9.00 |
| 80024.2 | ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80024.3 | ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4.0 | -8.00 | 180.00 | 13.00 | -9.00 | -8.00 | 8.50 | 7.90 | -9.00 | 75.00 | 23.00 | 170.00 | -9.00 |
| 80026.1 | HUNTINGTON HARBOR- LOWER | 91 | 9/15/92 | 4.0 | -8.00 | 70.80 | -8.00 | -9.00 | -8.00 | -8.00 | -8.00 | -9.00 | 23.80 | 9.00 | 71.80 | -9.00 |
| 80026.2 | HUNTINGTON HARBOR- LOWER | 92 | 9/15/92 | 4.0 | -8.00 | 58.00 | 6.80 | -9.00 | -8.00 | -8.00 | -8.00 | -9.00 | 29.00 | 8.90 | 56.00 | -9.00 |
| 80026.3 | HUNTINGTON HARBOR- LOWER | 93 | 9/15/92 | 4.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80027.1 | HUNTINGTON HARBOR- MIDDLE | 94 | 9/15/92 | 4.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80027.2 | HUNTINGTON HARBOR- MIDDLE | 95 | 9/15/92 | 4.0 | 13.00 | 150.00 | -8.00 | -9.00 | -8.00 | 8.50 | 7.10 | -9.00 | 52.00 | 29.00 | 170.00 | -9.00 |
| 80027.3 | HUNTINGTON HARBOR- MIDDLE | 96 | 9/15/92 | 4.0 | 6.90 | 160.00 | 8.20 | -9.00 | -8.00 | 8.50 | 10.00 | -9.00 | 67.00 | 28.00 | 180.00 | -9.00 |
| 80028.1 | HUNTINGTON HARBOR- UPPER | 97 | 9/15/92 | 4.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80028.2 | HUNTINGTON HARBOR- UPPER | 98 | 9/15/92 | 4.0 | 5.40 | 230.00 | 6.80 | -9.00 | -8.00 | 12.00 | 11.00 | -9.00 | 93.00 | 38.00 | 260.00 | -9.00 |
| 80028.3 | HUNTINGTON HARBOR- UPPER | 99 | 9/15/92 | 4.0 | 18.00 | 390.00 | 8.50 | -9.00 | -8.00 | 13.00 | 19.00 | -9.00 | 140.00 | 53.00 | 400.00 | -9.00 |
| 80025.1 | ANAHEIM BAY- OIL ISLAND | 88 | 10/14/92 | 5.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80025.2 | ANAHEIM BAY- OIL ISLAND | 89 | 10/14/92 | 5.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80025.3 | ANAHEIM BAY- OIL ISLAND | 90 | 10/14/92 | 5.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9.0 | -8.00 | 44.80 | -8.00 | -9.00 | -8.00 | -8.00 | -8.00 | -9.00 | 9.60 | 10.50 | 40.80 | -9.00 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82003.0 | ANBEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9.0 | -8.00 | 71.10 | -8.00 | -9.00 | -8.00 | -8.00 | -8.00 | -9.00 | 23.20 | 15.30 | 86.00 | -9.00 |
| 82006.0 | HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9.0 | -8.00 | 139.00 | -8.00 | -9.00 | -8.00 | 7.10 | 6.10 | -9.00 | 51.40 | 32.60 | 160.00 | -9.00 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9.0 | -8.00 | 35.30 | -8.00 | -9.00 | -8.00 | -8.00 | -8.00 | -9.00 | 12.70 | 71.00 | 40.80 | -9.00 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9.0 | -8.00 | 94.50 | 8.20 | -9.00 | -8.00 | -8.00 | -8.00 | -9.00 | 39.30 | 12.90 | 82.90 | -9.00 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17.0 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 1 | 1044 | 2/2/94 | 25.0 | -8.00 | 99.20 | -8.00 | 52.70 | -8.00 | 6.83 | 5.14 | 7.13 | 38.80 | 21.90 | 105.00 | -8.00 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 2 | 1045 | 2/2/94 | 25.0 | -8.00 | 94.70 | -8.00 | 42.60 | -8.00 | 7.17 | -8.00 | 8.63 | 35.10 | 22.20 | 100.00 | -8.00 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 3 | 1046 | 2/2/94 | 25.0 | -8.00 | 108.00 | 5.58 | 50.00 | -8.00 | 8.13 | -8.00 | 8.65 | 38.80 | 23.80 | 109.00 | -8.00 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26.0 | -8.00 | 18.90 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | 17.30 | -8.00 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26.0 | -8.00 | 20.90 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | 5.24 | -8.00 | 18.30 | -8.00 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26.0 | -8.00 | 12.20 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | 10.20 | -8.00 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26.0 | -8.00 | 7.16 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | 6.65 | -8.00 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26.0 | -8.00 | 8.95 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | 7.24 | -8.00 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26.0 | -8.00 | 8.77 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | 8.13 | -8.00 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26.0 | -8.00 | 14.30 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | 6.03 | -8.00 | -8.00 | 11.10 | -8.00 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26.0 | -8.00 | 9.09 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | 9.01 | -8.00 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26.0 | -8.00 | 18.40 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | 16.90 | -8.00 |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26.0 | -8.00 | 74.30 | -8.00 | 15.10 | -8.00 | -8.00 | -8.00 | -8.00 | 5.49 | -8.00 | 54.60 | -8.00 |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26.0 | -8.00 | 121.00 | 10.30 | 14.00 | -8.00 | 5.31 | 9.86 | 6.91 | 55.60 | 9.70 | 86.70 | -8.00 |

PAH Concentrations (ppb)

| STANUM | STATION | IDORG | DATE | LEG | DMN | FLA | FLU | IND | MNP1 | MNP2 | MPHI | NPH | PHN | PER | PYR | TMN |
|---------|---------------------------------|-------|---------|------|-------|--------|-------|--------|-------|-------|-------|-------|--------|--------|--------|-------|
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26.0 | -8.00 | 18.30 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | 7.09 | 5.37 | 18.50 | -8.00 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/31/94 | 29.0 | -8.00 | 115.00 | -8.00 | 47.30 | -8.00 | 9.42 | 5.61 | 11.30 | 42.80 | 21.90 | 118.00 | -8.00 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/31/94 | 29.0 | -8.00 | 109.00 | 6.75 | 60.50 | 5.61 | 9.73 | 6.12 | 10.20 | 56.70 | 22.30 | 117.00 | -8.00 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/31/94 | 29.0 | -8.00 | 162.00 | 59.70 | 62.20 | 13.20 | 27.70 | 12.40 | 9.95 | 229.00 | 23.50 | 157.00 | -8.00 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29.0 | 5.28 | 364.00 | 12.40 | 185.00 | 10.10 | 25.50 | 29.90 | 25.10 | 149.00 | 51.60 | 332.00 | -8.00 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29.0 | 10.30 | 321.00 | 12.20 | 169.00 | 11.50 | 26.40 | 29.30 | 28.50 | 130.00 | 52.80 | 296.00 | -8.00 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29.0 | 5.91 | 342.00 | 8.77 | 166.00 | 7.19 | 18.70 | 29.30 | 21.30 | 166.00 | 45.20 | 315.00 | -8.00 |
| 80027.3 | HUNTINGTON HARBOR, MIDDLE-REP 1 | 1177 | 3/30/94 | 29.0 | -8.00 | 115.00 | -8.00 | 86.10 | -8.00 | 7.77 | 6.88 | 10.90 | 36.00 | 25.30 | 116.00 | -8.00 |
| 80027.3 | HUNTINGTON HARBOR, MIDDLE-REP 2 | 1178 | 3/30/94 | 29.0 | -8.00 | 111.00 | -8.00 | 74.60 | -8.00 | 5.58 | 7.55 | 7.45 | 37.90 | 21.90 | 113.00 | -8.00 |
| 80027.3 | HUNTINGTON HARBOR, MIDDLE-REP 3 | 1179 | 3/30/94 | 29.0 | -8.00 | 137.00 | -8.00 | 88.90 | -8.00 | 6.35 | 9.78 | 8.55 | 49.50 | 25.30 | 140.00 | -8.00 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34.0 | -8.00 | 56.00 | -8.00 | 42.10 | -8.00 | -8.00 | -8.00 | -8.00 | 17.20 | 14.60 | 58.60 | -8.00 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34.0 | -8.00 | 51.70 | -8.00 | 52.40 | -8.00 | -8.00 | -8.00 | -8.00 | 15.80 | 11.20 | 55.00 | -8.00 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34.0 | -8.00 | 61.00 | -8.00 | 45.00 | -8.00 | -8.00 | -8.00 | -8.00 | 21.60 | 14.70 | 59.80 | -8.00 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34.0 | -8.00 | 53.00 | -8.00 | 39.90 | -8.00 | -8.00 | -8.00 | -8.00 | 15.50 | 13.60 | 58.10 | -8.00 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34.0 | -8.00 | 105.00 | -8.00 | 76.90 | -8.00 | 5.87 | 5.29 | 5.34 | 39.80 | 27.70 | 112.00 | -8.00 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 8/30/94 | 34.0 | -8.00 | 44.50 | -8.00 | 45.60 | -8.00 | -8.00 | -8.00 | -8.00 | 16.10 | 12.50 | 47.70 | -8.00 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36.0 | -8.00 | 12.60 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | 10.30 | -8.00 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36.0 | -8.00 | 61.60 | -8.00 | 46.50 | -8.00 | -8.00 | -8.00 | -8.00 | 17.60 | 14.00 | 61.50 | -8.00 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36.0 | -8.00 | 24.80 | -8.00 | 21.40 | -8.00 | -8.00 | -8.00 | -8.00 | 6.62 | 6.70 | 26.20 | -8.00 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36.0 | 7.75 | 56.10 | -8.00 | 53.40 | -8.00 | -8.00 | -8.00 | -8.00 | 22.00 | 16.60 | 62.20 | -8.00 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36.0 | -8.00 | 72.50 | -8.00 | 52.50 | -8.00 | -8.00 | -8.00 | -8.00 | 24.80 | 17.40 | 75.00 | -8.00 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36.0 | -8.00 | 52.70 | -8.00 | 48.30 | -8.00 | -8.00 | -8.00 | -8.00 | 16.30 | 16.50 | 59.10 | -8.00 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36.0 | -8.00 | 330.00 | 6.80 | 226.00 | -8.00 | 5.88 | 18.10 | 12.90 | 106.00 | 43.50 | 300.00 | -8.00 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36.0 | -8.00 | 270.00 | -8.00 | 311.00 | 8.11 | 16.00 | 17.80 | 23.80 | 88.00 | 136.00 | 315.00 | -8.00 |
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36.0 | 33.40 | 987.00 | 40.00 | 463.00 | 66.10 | 95.60 | 45.50 | 42.80 | 474.00 | 161.00 | 991.00 | 16.40 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36.0 | -8.00 | 183.00 | -8.00 | 88.90 | -8.00 | -8.00 | 12.30 | -8.00 | 73.90 | 29.40 | 160.00 | -8.00 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36.0 | -8.00 | 181.00 | 7.07 | 97.60 | -8.00 | 9.55 | 8.89 | 15.80 | 55.10 | 31.30 | 178.00 | -8.00 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36.0 | -8.00 | 17.60 | -8.00 | 13.30 | -8.00 | -8.00 | -8.00 | -8.00 | 6.07 | 5.78 | 16.80 | -8.00 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45.0 | 7.17 | 397.00 | 20.20 | 273.00 | 6.12 | 8.85 | 28.50 | 19.20 | 224.00 | 82.50 | 442.00 | -8.00 |
| 85001.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45.0 | -8.00 | 41.50 | -8.00 | 28.00 | -8.00 | -8.00 | -8.00 | -8.00 | 16.00 | 10.60 | 44.80 | -8.00 |

PAH Concentrations (ppb)

| STANUM | STATION | IDORG | DATE | LEG | TRY | PAHBATCH | SODATAQA |
|---------|--------------------------------|-------|----------|------|-------|----------|----------|
| 80024.1 | ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4.0 | -9.00 | 73.20 | -9 |
| 80024.2 | ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4.0 | -9.00 | -9.00 | -9 |
| 80024.3 | ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4.0 | -9.00 | -9.00 | -9 |
| 80026.1 | HUNTINGTON HARBOR- LOWER | 91 | 9/15/92 | 4.0 | -9.00 | 73.20 | -9 |
| 80026.2 | HUNTINGTON HARBOR- LOWER | 92 | 9/15/92 | 4.0 | -9.00 | -9.00 | -9 |
| 80026.3 | HUNTINGTON HARBOR- LOWER | 93 | 9/15/92 | 4.0 | -9.00 | -9.00 | -9 |
| 80027.1 | HUNTINGTON HARBOR- MIDDLE | 94 | 9/15/92 | 4.0 | -9.00 | -9.00 | -9 |
| 80027.2 | HUNTINGTON HARBOR- MIDDLE | 95 | 9/15/92 | 4.0 | -9.00 | -9.00 | -9 |
| 80027.3 | HUNTINGTON HARBOR- MIDDLE | 96 | 9/15/92 | 4.0 | -9.00 | -9.00 | -9 |
| 80028.1 | HUNTINGTON HARBOR- UPPER | 97 | 9/15/92 | 4.0 | -9.00 | -9.00 | -9 |
| 80028.2 | HUNTINGTON HARBOR- UPPER | 98 | 9/15/92 | 4.0 | -9.00 | -9.00 | -9 |
| 80028.3 | HUNTINGTON HARBOR- UPPER | 99 | 9/15/92 | 4.0 | -9.00 | -9.00 | -9 |
| 80025.1 | ANAHEIM BAY- OIL ISLAND | 88 | 10/14/92 | 5.0 | -9.00 | -9.00 | -9 |
| 80025.2 | ANAHEIM BAY- OIL ISLAND | 89 | 10/14/92 | 5.0 | -9.00 | -9.00 | -9 |
| 80025.3 | ANAHEIM BAY- OIL ISLAND | 90 | 10/14/92 | 5.0 | -9.00 | -9.00 | -9 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9.0 | -9.00 | 72.10 | -4 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9.0 | -9.00 | -9.00 | -9 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9.0 | -9.00 | -9.00 | -9 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9.0 | -9.00 | -9.00 | -9 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9.0 | -9.00 | 72.10 | -4 |
| 82006.0 | HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9.0 | -9.00 | 72.80 | -4 |
| 82039.0 | BOLSA CHICA ECOL. RESERVE | 439 | 12/10/92 | 9.0 | -9.00 | 72.80 | -4 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9.0 | -9.00 | 72.80 | -4 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17.0 | -9.00 | -9.00 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 1 | 1044 | 2/2/94 | 25.0 | -9.00 | 73.22 | -5 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 2 | 1045 | 2/2/94 | 25.0 | -9.00 | 73.23 | -5 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 3 | 1046 | 2/2/94 | 25.0 | -9.00 | 73.23 | -5 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26.0 | -9.00 | 73.32 | -5 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26.0 | -9.00 | 73.27 | -5 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26.0 | -9.00 | 73.31 | -5 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26.0 | -9.00 | 73.32 | -5 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26.0 | -9.00 | 73.30 | -5 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26.0 | -9.00 | 73.29 | -5 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26.0 | -9.00 | 73.31 | -5 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26.0 | -9.00 | 73.32 | -5 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26.0 | -9.00 | 73.32 | -5 |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26.0 | -9.00 | 73.31 | -5 |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26.0 | -9.00 | 73.30 | -5 |

PAH Concentrations (ppb)

| STANUM | STATION | IDORG | DATE | LEG | TRY | PAHBATCH | SODATAQA |
|---------|---------------------------------|-------|---------|------|-------|----------|----------|
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26.0 | -9.00 | 73.29 | -5 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/31/94 | 29.0 | -9.00 | 73.23 | -5 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/31/94 | 29.0 | -9.00 | 73.21 | -5 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/31/94 | 29.0 | -9.00 | 73.22 | -5 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29.0 | -9.00 | 73.34 | -5 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29.0 | -9.00 | 73.35 | -5 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29.0 | -9.00 | 73.39 | -5 |
| 80027.3 | HUNTINGTON HARBOR, MIDDLE-REP 1 | 1177 | 3/30/94 | 29.0 | -9.00 | 73.34 | -5 |
| 80027.3 | HUNTINGTON HARBOR, MIDDLE-REP 2 | 1178 | 3/30/94 | 29.0 | -9.00 | 73.38 | -5 |
| 80027.3 | HUNTINGTON HARBOR, MIDDLE-REP 3 | 1179 | 3/30/94 | 29.0 | -9.00 | 73.39 | -5 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34.0 | -9.00 | 74.40 | -5 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34.0 | -9.00 | 74.30 | -5 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34.0 | -9.00 | 74.30 | -5 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34.0 | -9.00 | 74.40 | -5 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34.0 | -9.00 | 74.40 | -5 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 8/30/94 | 34.0 | -9.00 | 74.40 | -5 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36.0 | -9.00 | 74.10 | -5 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36.0 | -9.00 | 74.10 | -5 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36.0 | -9.00 | 74.20 | -5 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36.0 | -9.00 | 74.40 | -5 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36.0 | -9.00 | 74.20 | -5 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36.0 | -9.00 | 74.40 | -5 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36.0 | -9.00 | 74.20 | -5 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36.0 | -9.00 | 74.30 | -5 |
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36.0 | -9.00 | 74.20 | -5 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36.0 | -9.00 | 74.20 | -5 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36.0 | -9.00 | 74.20 | -5 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36.0 | -9.00 | 74.30 | -5 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45.0 | 81.10 | 75.10 | -5 |
| 85001.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45.0 | 8.18 | 75.10 | -5 |

Section 7

Chemistry Summations and Quotients

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | TTL_CHLR | TTL_DDT | TTL_PCB | LMW_PAH | HMW_PAH | TTL_PAH | ANTIMOQE |
|---------|--------------------------------|-------|----------|-----|----------|---------|---------|---------|---------|---------|----------|
| 80025.1 | ANAHEIM BAY-OIL ISLAND | 88 | 10/14/92 | 5 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 80025.2 | ANAHEIM BAY-OIL ISLAND | 89 | 10/14/92 | 5 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 80025.3 | ANAHEIM BAY-OIL ISLAND | 90 | 10/14/92 | 5 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 80024.1 | ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4 | 1.300 | 14.60 | 13.700 | 540.50 | 1388.00 | 1928.50 | 0.028 |
| 80024.2 | ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 80024.3 | ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4 | 2.300 | 33.90 | 27.200 | 146.90 | 900.00 | 1046.90 | 0.280 |
| 80024.3 | ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/31/94 | 29 | 7.121 | 56.84 | 37.826 | 99.73 | 757.60 | 857.33 | 0.432 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/31/94 | 29 | 7.440 | 45.49 | 32.914 | 131.36 | 811.40 | 942.76 | 0.395 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/31/94 | 29 | 6.910 | 49.88 | 31.204 | 474.95 | 985.10 | 1460.05 | 0.196 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 1 | 1044 | 2/2/94 | 25 | 6.324 | 43.93 | 27.588 | 96.40 | 739.00 | 835.40 | 0.282 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 2 | 1045 | 2/2/94 | 25 | 6.513 | 44.36 | 33.694 | 90.70 | 686.10 | 776.80 | 0.262 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 3 | 1046 | 2/2/94 | 25 | 44.570 | 120.69 | 35.822 | 104.46 | 771.30 | 875.76 | 0.324 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 1 | 1195 | 4/12/94 | 30 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 2 | 1196 | 4/12/94 | 30 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 3 | 1197 | 4/12/94 | 30 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1335 | 5/19/94 | 32 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9 | 0.500 | 12.30 | 11.400 | 32.90 | 163.40 | 196.30 | 0.200 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26 | 1.250 | 7.44 | 9.000 | 30.00 | 58.59 | 88.59 | 0.386 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26 | 1.250 | 6.82 | 9.000 | 32.68 | 58.27 | 90.95 | 0.282 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26 | 1.250 | 6.28 | 9.722 | 30.00 | 64.48 | 94.48 | 0.309 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26 | 1.813 | 13.59 | 10.682 | 30.00 | 118.60 | 148.60 | 0.156 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26 | 1.541 | 10.00 | 9.000 | 32.74 | 112.85 | 145.59 | 0.278 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26 | 1.250 | 6.54 | 10.502 | 30.00 | 65.62 | 95.62 | 0.416 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9 | 0.500 | 12.10 | 11.100 | 84.60 | 318.10 | 402.70 | 0.292 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 423 | 12/11/92 | 9 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26 | 1.250 | 11.65 | 17.956 | 33.53 | 76.97 | 110.50 | 0.388 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26 | 1.827 | 10.15 | 9.000 | 30.00 | 69.27 | 99.27 | 0.254 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26 | 2.369 | 15.96 | 10.400 | 32.99 | 138.75 | 171.74 | 0.380 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | TTL_CHLR | TTL_DDT | TTL_PCB | LMW_PAH | HMW_PAH | TTL_PAH | ANTIMOQE |
|---------|---------------------------------|-------|----------|-----|----------|---------|---------|---------|---------|---------|----------|
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26 | 1.250 | 11.39 | 9.708 | 69.05 | 256.78 | 325.83 | 0.281 |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26 | 1.250 | 15.01 | 10.974 | 139.78 | 372.70 | 512.48 | 0.258 |
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26 | 1.250 | 10.14 | 22.316 | 34.59 | 118.75 | 153.34 | 0.203 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9 | 1.700 | 20.30 | 24.300 | 32.70 | 270.40 | 303.10 | 0.736 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 1 | 1204 | 4/12/94 | 30 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 2 | 1205 | 4/12/94 | 30 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 3 | 1206 | 4/12/94 | 30 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 80026.1 | Huntington Harbor- Lower | 91 | 9/15/92 | 4 | 3.600 | 16.50 | 15.700 | 43.80 | 272.00 | 315.80 | 0.044 |
| 80026.2 | Huntington Harbor- Lower | 92 | 9/15/92 | 4 | 1.600 | 14.00 | 9.000 | 59.50 | 231.70 | 291.20 | 0.200 |
| 80026.3 | Huntington Harbor- Lower | 93 | 9/15/92 | 4 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 80027.1 | Huntington Harbor- Middle | 94 | 9/15/92 | 4 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 80027.2 | Huntington Harbor- Middle | 95 | 9/15/92 | 4 | 9.200 | 96.20 | 65.400 | 107.60 | 714.00 | 821.60 | 0.240 |
| 80027.3 | Huntington Harbor- Middle | 96 | 9/15/92 | 4 | 9.300 | 91.80 | 56.800 | 118.00 | 754.00 | 872.00 | 0.240 |
| 80028.1 | Huntington Harbor- Upper | 97 | 9/15/92 | 4 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 80028.2 | Huntington Harbor- Upper | 98 | 9/15/92 | 4 | 17.400 | 103.70 | 65.200 | 151.70 | 1011.00 | 1162.70 | 0.240 |
| 80028.3 | Huntington Harbor- Upper | 99 | 9/15/92 | 4 | 16.400 | 114.50 | 78.000 | 227.70 | 1607.00 | 1834.70 | 0.200 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29 | 41.700 | 167.63 | 87.746 | 292.30 | 2127.30 | 2419.60 | 0.260 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29 | 40.720 | 194.52 | 71.374 | 283.95 | 1961.70 | 2245.65 | 0.194 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29 | 36.910 | 181.95 | 72.020 | 289.05 | 2199.70 | 2488.75 | 0.187 |
| 80027.3 | HUNTINGTON HARBOR, MIDDLE-REP 1 | 1177 | 3/30/94 | 29 | 15.620 | 81.16 | 53.224 | 81.55 | 900.10 | 981.65 | 0.142 |
| 80027.3 | HUNTINGTON HARBOR, MIDDLE-REP 2 | 1178 | 3/30/94 | 29 | 14.840 | 83.01 | 49.736 | 83.56 | 933.70 | 1017.26 | 0.138 |
| 80027.3 | HUNTINGTON HARBOR, MIDDLE-REP 3 | 1179 | 3/30/94 | 29 | 17.390 | 112.21 | 56.180 | 100.25 | 1122.40 | 1222.65 | 0.152 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9 | 4.000 | 36.20 | 44.200 | 43.20 | 311.90 | 355.10 | 0.308 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 1 | 1201 | 4/12/94 | 30 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 2 | 1202 | 4/12/94 | 30 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 3 | 1203 | 4/12/94 | 30 | -9.000 | -9.00 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 82006.0 | HUNTINGTON HARBOR-PETERS | 406 | 12/10/92 | 9 | 9.000 | 100.80 | 89.000 | 84.10 | 704.00 | 788.10 | 0.396 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 8/30/94 | 34 | 1.921 | 47.44 | 82.080 | 43.60 | 467.10 | 510.70 | 0.271 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36 | 6.110 | 114.56 | 25.918 | 43.80 | 490.20 | 534.00 | 0.404 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36 | 1.081 | 31.43 | 9.000 | 30.00 | 76.80 | 106.80 | 0.226 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34 | 5.600 | 72.13 | 18.714 | 44.70 | 453.30 | 498.00 | 0.278 |
| 85001.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45 | 2.584 | 30.86 | 11.208 | 43.50 | 327.83 | 371.33 | 0.094 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | TTL_CHLR | TTL_DDT | TTL_PCB | LMW_PAH | HMW_PAH | TTL_PAH | ANTIMOQE |
|---------|--------------------------------|-------|---------|-----|----------|---------|---------|---------|---------|---------|----------|
| 85001.0 | NEWPORT BAY (523) | 1788 | 8/20/97 | 54 | -9.000 | -9.000 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34 | 3.330 | 75.22 | 56.064 | 43.30 | 434.90 | 478.20 | 0.326 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36 | 6.670 | 94.46 | 18.350 | 47.85 | 520.90 | 568.75 | 0.251 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36 | 2.740 | 38.31 | 20.944 | 34.12 | 206.70 | 240.82 | 0.214 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34 | 1.966 | 37.25 | 46.320 | 49.10 | 459.90 | 509.00 | 0.230 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36 | 4.870 | 93.94 | 32.770 | 54.75 | 532.90 | 587.65 | 0.392 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34 | 3.970 | 70.25 | 65.842 | 43.00 | 407.60 | 450.60 | 0.260 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36 | 6.780 | 88.75 | 23.152 | 52.30 | 620.60 | 672.90 | 0.344 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34 | 4.480 | 81.30 | 43.872 | 81.59 | 888.60 | 970.19 | 0.448 |
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36 | 31.250 | 115.22 | 113.008 | 960.85 | 6466.00 | 7426.85 | 0.568 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36 | 22.580 | 65.66 | 189.256 | 193.16 | 2862.20 | 3055.36 | 0.484 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36 | 3.860 | 53.78 | 368.826 | 209.04 | 2529.40 | 2738.44 | 0.528 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45 | 5.763 | 55.70 | 358.876 | 428.44 | 3311.20 | 3739.64 | 0.424 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36 | 2.190 | 30.68 | 9.000 | 33.57 | 126.26 | 159.83 | 0.158 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36 | 10.930 | 88.97 | 31.748 | 118.96 | 1231.10 | 1350.06 | 0.396 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36 | 1.711 | 27.31 | 25.878 | 132.10 | 1230.00 | 1362.10 | 0.217 |
| 86001.0 | SAN DIEGO CREEK- CAMPUS | 1789 | 8/20/97 | 54 | -9.000 | -9.000 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 86002.0 | SAN DIEGO CREEK- MACARTHUR | 1790 | 8/20/97 | 54 | -9.000 | -9.000 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 86003.0 | SANTA ANA/DELHI CHANNEL-BRIDGE | 1791 | 8/20/97 | 54 | -9.000 | -9.000 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |
| 86004.0 | SANTA ANA/DELHI CHANNEL-OUTER | 1792 | 8/20/97 | 54 | -9.000 | -9.000 | -9.000 | -9.00 | -9.00 | -9.00 | -9.000 |

Chemistry Summations and Quotients

| STANIUM STATION | IDORG | DATE | LEG | ARSENIOE | ARSENIOQ | CADMIUQE | CADMIUQP | CHROMIQE | CHROMIQP |
|--|-------|----------|-----|----------|----------|----------|----------|----------|----------|
| 80025.1 ANAHEIM BAY- OIL ISLAND | 88 | 10/14/92 | 5 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 80025.2 ANAHEIM BAY- OIL ISLAND | 89 | 10/14/92 | 5 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 80025.3 ANAHEIM BAY- OIL ISLAND | 90 | 10/14/92 | 5 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 80024.1 ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4 | 0.070 | 0.118 | 0.0219 | 0.0499 | 0.100 | 0.231 |
| 80024.2 ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 80024.3 ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4 | 0.096 | 0.161 | 0.0313 | 0.0713 | 0.132 | 0.305 |
| 80024.3 ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 80024.3 ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/31/94 | 29 | 0.143 | 0.240 | 0.0445 | 0.1014 | 0.183 | 0.422 |
| 80024.3 ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/31/94 | 29 | 0.143 | 0.240 | 0.0436 | 0.0995 | 0.184 | 0.425 |
| 80024.3 ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/31/94 | 29 | 0.171 | 0.288 | 0.0335 | 0.0765 | 0.172 | 0.396 |
| 82004.0 ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82030.0 ANAHEIM BAY-NAVAL RES.- REP 1 | 1044 | 2/2/94 | 25 | 0.143 | 0.240 | 0.0322 | 0.0734 | 0.156 | 0.360 |
| 82030.0 ANAHEIM BAY-NAVAL RES.- REP 2 | 1045 | 2/2/94 | 25 | 0.143 | 0.240 | 0.0282 | 0.0644 | 0.151 | 0.347 |
| 82030.0 ANAHEIM BAY-NAVAL RES.- REP 3 | 1046 | 2/2/94 | 25 | 0.143 | 0.240 | 0.0306 | 0.0698 | 0.178 | 0.411 |
| 82030.0 ANAHEIM BAY-NAVAL RES.-REP 1 | 1195 | 4/12/94 | 30 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82030.0 ANAHEIM BAY-NAVAL RES.-REP 2 | 1196 | 4/12/94 | 30 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82030.0 ANAHEIM BAY-NAVAL RES.-REP 3 | 1197 | 4/12/94 | 30 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82030.0 ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82030.0 ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82030.0 ANAHEIM BAY-NAVAL RESERVE | 1335 | 5/19/94 | 32 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82001.0 ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9 | 0.077 | 0.130 | 0.0177 | 0.0404 | 0.111 | 0.256 |
| 82002.0 ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82002.0 ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82002.0 ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26 | 0.214 | 0.361 | 0.0250 | 0.0570 | 0.152 | 0.350 |
| 82002.0 ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26 | 0.150 | 0.252 | 0.0203 | 0.0463 | 0.141 | 0.325 |
| 82002.0 ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26 | 0.147 | 0.248 | 0.0264 | 0.0601 | 0.164 | 0.377 |
| 82001.0 ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26 | 0.095 | 0.160 | 0.0260 | 0.0594 | 0.111 | 0.256 |
| 82001.0 ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26 | 0.086 | 0.145 | 0.0204 | 0.0466 | 0.089 | 0.205 |
| 82001.0 ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26 | 0.076 | 0.129 | 0.0141 | 0.0321 | 0.156 | 0.359 |
| 82003.0 ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82040.0 SEAL BEACH NWR | 440 | 12/11/92 | 9 | 0.089 | 0.149 | 0.0156 | 0.0356 | 0.111 | 0.256 |
| 82023.0 SEAL BEACH NWR-BOLSA AVE. | 423 | 12/11/92 | 9 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82023.0 SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82023.0 SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26 | 0.184 | 0.310 | 0.0182 | 0.0416 | 0.162 | 0.373 |
| 82023.0 SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26 | 0.376 | 0.632 | 0.0250 | 0.0570 | 0.164 | 0.377 |
| 82023.0 SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26 | 0.236 | 0.397 | 0.0343 | 0.0781 | 0.176 | 0.406 |
| 82021.0 SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82020.0 SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | ARSENIQ | ARSENIQP | CADMIUQE | CADMIUQP | CHROMIQE | CHROMIQP |
|---------|--------------------------------|-------|----------|-----|---------|----------|----------|----------|----------|----------|
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26 | 0.104 | 0.176 | 0.0209 | 0.0477 | 0.111 | 0.256 |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26 | 0.129 | 0.217 | 0.0247 | 0.0563 | 0.128 | 0.294 |
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26 | 0.102 | 0.172 | 0.0227 | 0.0518 | 0.111 | 0.255 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9 | 0.121 | 0.204 | 0.0281 | 0.0641 | 0.203 | 0.468 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 1 | 1204 | 4/12/94 | 30 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 2 | 1205 | 4/12/94 | 30 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 3 | 1206 | 4/12/94 | 30 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 80026.1 | Huntington Harbor- Lower | 91 | 9/15/92 | 4 | 0.060 | 0.101 | 0.0198 | 0.0451 | 0.092 | 0.212 |
| 80026.2 | Huntington Harbor- Lower | 92 | 9/15/92 | 4 | 0.029 | 0.048 | 0.0094 | 0.0214 | 0.068 | 0.156 |
| 80026.3 | Huntington Harbor- Lower | 93 | 9/15/92 | 4 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 80027.1 | Huntington Harbor- Middle | 94 | 9/15/92 | 4 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 80027.2 | Huntington Harbor- Middle | 95 | 9/15/92 | 4 | 0.094 | 0.159 | 0.0281 | 0.0641 | 0.162 | 0.374 |
| 80027.3 | Huntington Harbor- Middle | 96 | 9/15/92 | 4 | 0.086 | 0.144 | 0.0354 | 0.0808 | 0.154 | 0.355 |
| 80028.1 | Huntington Harbor- Upper | 97 | 9/15/92 | 4 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 80028.2 | Huntington Harbor- Upper | 98 | 9/15/92 | 4 | 0.070 | 0.118 | 0.0646 | 0.1473 | 0.124 | 0.287 |
| 80028.3 | Huntington Harbor- Upper | 99 | 9/15/92 | 4 | 0.089 | 0.149 | 0.0771 | 0.1758 | 0.132 | 0.305 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29 | 0.115 | 0.194 | 0.1271 | 0.2898 | 0.133 | 0.307 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29 | 0.111 | 0.188 | 0.1521 | 0.3468 | 0.129 | 0.298 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29 | 0.121 | 0.204 | 0.1250 | 0.2850 | 0.138 | 0.318 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 1 | 1177 | 3/30/94 | 29 | 0.144 | 0.243 | 0.0398 | 0.0907 | 0.165 | 0.380 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 2 | 1178 | 3/30/94 | 29 | 0.121 | 0.204 | 0.0436 | 0.0995 | 0.161 | 0.370 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 3 | 1179 | 3/30/94 | 29 | 0.129 | 0.217 | 0.0482 | 0.1100 | 0.162 | 0.373 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9 | 0.077 | 0.130 | 0.0156 | 0.0356 | 0.135 | 0.312 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 1 | 1201 | 4/12/94 | 30 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 2 | 1202 | 4/12/94 | 30 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 3 | 1203 | 4/12/94 | 30 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82006.0 | HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9 | 0.109 | 0.183 | 0.0271 | 0.0618 | 0.181 | 0.418 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 8/30/94 | 34 | 0.113 | 0.189 | 0.0493 | 0.1124 | 0.161 | 0.372 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36 | 0.126 | 0.211 | 0.1115 | 0.2542 | 0.209 | 0.483 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36 | 0.035 | 0.059 | 0.0236 | 0.0539 | 0.066 | 0.151 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34 | 0.080 | 0.134 | 0.1063 | 0.2423 | 0.166 | 0.382 |
| 85001.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45 | 0.087 | 0.147 | 0.0735 | 0.1677 | 0.074 | 0.171 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | ARSENIQE | ARSENIQP | CADMIUQE | CADMIUQP | CHROMIQE | CHROMIQP |
|---------|--------------------------------|-------|---------|-----|----------|----------|----------|----------|----------|----------|
| 85001.0 | NEWPORT BAY (523) | 1788 | 8/20/97 | 54 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34 | 0.096 | 0.162 | 0.0675 | 0.1539 | 0.178 | 0.410 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36 | 0.089 | 0.150 | 0.0861 | 0.1964 | 0.131 | 0.303 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36 | 0.070 | 0.117 | 0.0786 | 0.1793 | 0.115 | 0.265 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34 | 0.118 | 0.198 | 0.0333 | 0.0760 | 0.106 | 0.244 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36 | 0.100 | 0.169 | 0.1034 | 0.2359 | 0.236 | 0.546 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34 | 0.117 | 0.196 | 0.0638 | 0.1454 | 0.162 | 0.374 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36 | 0.134 | 0.225 | 0.0927 | 0.2114 | 0.144 | 0.332 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34 | 0.104 | 0.175 | 0.0883 | 0.2014 | 0.225 | 0.518 |
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36 | 0.151 | 0.255 | 0.1740 | 0.3967 | 0.152 | 0.351 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36 | 0.147 | 0.248 | 0.1281 | 0.2922 | 0.208 | 0.479 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36 | 0.354 | 0.596 | 0.0735 | 0.1677 | 0.188 | 0.434 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45 | 0.249 | 0.418 | 0.0924 | 0.2107 | 0.139 | 0.321 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36 | 0.068 | 0.115 | 0.0543 | 0.1238 | 0.083 | 0.192 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36 | 0.105 | 0.176 | 0.1219 | 0.2779 | 0.138 | 0.319 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36 | 0.164 | 0.276 | 0.0406 | 0.0926 | 0.096 | 0.223 |
| 86001.0 | SAN DIEGO CREEK- CAMPUS | 1789 | 8/20/97 | 54 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 86002.0 | SAN DIEGO CREEK- MACARTHUR | 1790 | 8/20/97 | 54 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 86003.0 | SANTA ANA/DELHI CHANNEL-BRIDGE | 1791 | 8/20/97 | 54 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 86004.0 | SANTA ANA/DELHI CHANNEL-OUTER | 1792 | 8/20/97 | 54 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | COPPERQ | COPPERQ | LEADQP | MERCURQ | MERCURQ | LEADQP | MERCURQ | MERCURQ | NICKELQ |
|---------|--------------------------------|-------|----------|-----|---------|---------|--------|---------|---------|--------|---------|---------|---------|
| 80025.1 | ANAHEIM BAY- OIL ISLAND | 88 | 10/14/92 | 5 | -9.00 | -9.00 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.0000 | -9.0000 | -9.000 |
| 80025.2 | ANAHEIM BAY- OIL ISLAND | 89 | 10/14/92 | 5 | -9.00 | -9.00 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.0000 | -9.0000 | -9.000 |
| 80025.3 | ANAHEIM BAY- OIL ISLAND | 90 | 10/14/92 | 5 | -9.00 | -9.00 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.0000 | -9.0000 | -9.000 |
| 80024.1 | ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4 | 0.08 | 0.20 | 0.127 | 0.0634 | 0.0647 | 0.246 | 0.0634 | 0.0647 | 0.349 |
| 80024.2 | ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4 | -9.00 | -9.00 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.0000 | -9.0000 | -9.000 |
| 80024.3 | ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4 | 0.16 | 0.39 | 0.161 | 0.2113 | 0.2155 | 0.312 | 0.2113 | 0.2155 | 0.523 |
| 80024.3 | ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19 | -9.00 | -9.00 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.0000 | -9.0000 | -9.000 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/3/94 | 29 | 0.17 | 0.43 | 0.134 | 0.1187 | 0.1211 | 0.260 | 0.1187 | 0.1211 | 0.599 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/3/94 | 29 | 0.16 | 0.41 | 0.135 | 0.0838 | 0.0855 | 0.262 | 0.0838 | 0.0855 | 0.583 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/3/94 | 29 | 0.17 | 0.42 | 0.120 | 0.1111 | 0.1134 | 0.234 | 0.1111 | 0.1134 | 0.599 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9 | -9.00 | -9.00 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.0000 | -9.0000 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 1 | 1044 | 2/2/94 | 25 | 0.17 | 0.43 | 0.154 | 0.1097 | 0.1119 | 0.300 | 0.1097 | 0.1119 | 0.610 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 2 | 1045 | 2/2/94 | 25 | 0.17 | 0.43 | 0.131 | 0.1286 | 0.1312 | 0.254 | 0.1286 | 0.1312 | 0.626 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 3 | 1046 | 2/2/94 | 25 | 0.19 | 0.48 | 0.203 | 0.1345 | 0.1372 | 0.395 | 0.1345 | 0.1372 | 0.647 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 1 | 1195 | 4/12/94 | 30 | -9.00 | -9.00 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.0000 | -9.0000 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 2 | 1196 | 4/12/94 | 30 | -9.00 | -9.00 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.0000 | -9.0000 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 3 | 1197 | 4/12/94 | 30 | -9.00 | -9.00 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.0000 | -9.0000 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9 | -9.00 | -9.00 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.0000 | -9.0000 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17 | -9.00 | -9.00 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.0000 | -9.0000 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1335 | 5/19/94 | 32 | -9.00 | -9.00 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.0000 | -9.0000 | -9.000 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9 | 0.10 | 0.25 | 0.106 | 0.0535 | 0.0546 | 0.207 | 0.0535 | 0.0546 | 0.349 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9 | -9.00 | -9.00 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.0000 | -9.0000 | -9.000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19 | -9.00 | -9.00 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.0000 | -9.0000 | -9.000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26 | 0.12 | 0.31 | 0.113 | 0.0283 | 0.0289 | 0.219 | 0.0283 | 0.0289 | 0.560 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26 | 0.11 | 0.26 | 0.077 | 0.0211 | 0.0216 | 0.150 | 0.0211 | 0.0216 | 0.529 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26 | 0.13 | 0.33 | 0.107 | 0.0211 | 0.0216 | 0.208 | 0.0211 | 0.0216 | 0.599 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26 | 0.09 | 0.23 | 0.103 | 0.0211 | 0.0216 | 0.200 | 0.0211 | 0.0216 | 0.421 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26 | 0.07 | 0.17 | 0.076 | 0.0211 | 0.0216 | 0.148 | 0.0211 | 0.0216 | 0.432 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26 | 0.10 | 0.25 | 0.100 | 0.0356 | 0.0364 | 0.193 | 0.0356 | 0.0364 | 0.581 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9 | -9.00 | -9.00 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.0000 | -9.0000 | -9.000 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9 | 0.09 | 0.23 | 0.082 | 0.0521 | 0.0532 | 0.159 | 0.0521 | 0.0532 | 0.349 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE | 423 | 12/11/92 | 9 | -9.00 | -9.00 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.0000 | -9.0000 | -9.000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17 | -9.00 | -9.00 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.0000 | -9.0000 | -9.000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26 | 0.13 | 0.33 | 0.078 | 0.0211 | 0.0216 | 0.152 | 0.0211 | 0.0216 | 0.628 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26 | 0.15 | 0.38 | 0.095 | 0.0211 | 0.0216 | 0.185 | 0.0211 | 0.0216 | 0.607 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26 | 0.17 | 0.42 | 0.097 | 0.0554 | 0.0565 | 0.188 | 0.0554 | 0.0565 | 0.618 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9 | -9.00 | -9.00 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.0000 | -9.0000 | -9.000 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9 | -9.00 | -9.00 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.0000 | -9.0000 | -9.000 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | COPPERQE | COPPERQP | LEADQE | LEADQP | MERCURQE | MERCURQP | NICKELQE | NICKELQP |
|---------|--------------------------------|-------|----------|-----|----------|----------|--------|--------|----------|----------|----------|----------|
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17 | -9.00 | -9.00 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26 | 0.08 | 0.19 | 0.102 | 0.198 | 0.0497 | 0.0507 | 0.391 | 0.391 |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26 | 0.10 | 0.24 | 0.094 | 0.183 | 0.0680 | 0.0694 | 0.450 | 0.450 |
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26 | 0.08 | 0.21 | 0.146 | 0.284 | 0.0694 | 0.0708 | 0.440 | 0.440 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9 | -9.00 | -9.00 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9 | -9.00 | -9.00 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17 | -9.00 | -9.00 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9 | 0.11 | 0.27 | 0.283 | 0.549 | 0.0592 | 0.0603 | 0.465 | 0.465 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 1 | 1204 | 4/12/94 | 30 | -9.00 | -9.00 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 2 | 1205 | 4/12/94 | 30 | -9.00 | -9.00 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 3 | 1206 | 4/12/94 | 30 | -9.00 | -9.00 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 80026.1 | Huntington Harbor- Lower | 91 | 9/15/92 | 4 | 0.10 | 0.24 | 0.151 | 0.293 | 0.0521 | 0.0532 | 0.310 | 0.310 |
| 80026.2 | Huntington Harbor- Lower | 92 | 9/15/92 | 4 | 0.05 | 0.12 | 0.128 | 0.250 | 0.0563 | 0.0575 | 0.213 | 0.213 |
| 80026.3 | Huntington Harbor- Lower | 93 | 9/15/92 | 4 | -9.00 | -9.00 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 80027.1 | Huntington Harbor- Middle | 94 | 9/15/92 | 4 | -9.00 | -9.00 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 80027.2 | Huntington Harbor- Middle | 95 | 9/15/92 | 4 | 0.29 | 0.71 | 0.353 | 0.686 | 0.2113 | 0.2155 | 0.562 | 0.562 |
| 80027.3 | Huntington Harbor- Middle | 96 | 9/15/92 | 4 | 0.25 | 0.63 | 0.261 | 0.508 | 0.2254 | 0.2299 | 0.523 | 0.523 |
| 80028.1 | Huntington Harbor- Upper | 97 | 9/15/92 | 4 | -9.00 | -9.00 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 80028.2 | Huntington Harbor- Upper | 98 | 9/15/92 | 4 | 0.22 | 0.55 | 0.330 | 0.642 | 0.2958 | 0.3017 | 0.465 | 0.465 |
| 80028.3 | Huntington Harbor- Upper | 99 | 9/15/92 | 4 | 0.27 | 0.67 | 0.326 | 0.633 | 0.3099 | 0.3161 | 0.504 | 0.504 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29 | 0.21 | 0.52 | 0.352 | 0.685 | 0.1944 | 0.1983 | 0.591 | 0.591 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29 | 0.19 | 0.48 | 0.275 | 0.534 | 0.2338 | 0.2385 | 0.638 | 0.638 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29 | 0.21 | 0.53 | 0.308 | 0.598 | 0.1746 | 0.1782 | 0.616 | 0.616 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 1 | 1177 | 3/30/94 | 29 | 0.24 | 0.60 | 0.209 | 0.406 | 0.1972 | 0.2011 | 0.669 | 0.669 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 2 | 1178 | 3/30/94 | 29 | 0.23 | 0.58 | 0.253 | 0.492 | 0.1845 | 0.1882 | 0.612 | 0.612 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 3 | 1179 | 3/30/94 | 29 | 0.23 | 0.59 | 0.235 | 0.457 | 0.1901 | 0.1940 | 0.645 | 0.645 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9 | -9.00 | -9.00 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19 | -9.00 | -9.00 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9 | 0.20 | 0.50 | 0.250 | 0.485 | 0.1141 | 0.1164 | 0.388 | 0.388 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 1 | 1201 | 4/12/94 | 30 | -9.00 | -9.00 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 2 | 1202 | 4/12/94 | 30 | -9.00 | -9.00 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 3 | 1203 | 4/12/94 | 30 | -9.00 | -9.00 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 82006.0 | HUNTINGTON HARBOR-PETERS | 406 | 12/10/92 | 9 | 0.31 | 0.78 | 0.459 | 0.891 | 0.1465 | 0.1494 | 0.601 | 0.601 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 8/30/94 | 34 | 0.33 | 0.83 | 0.154 | 0.300 | 2.5493 | 2.6006 | 0.405 | 0.405 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36 | 0.22 | 0.56 | 0.132 | 0.257 | 0.2183 | 0.2227 | 0.556 | 0.556 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36 | 0.02 | 0.05 | 0.065 | 0.127 | 0.0211 | 0.0216 | 0.132 | 0.132 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34 | 0.14 | 0.36 | 0.101 | 0.196 | 0.0904 | 0.0922 | 0.453 | 0.453 |
| 85001.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45 | 0.07 | 0.19 | 0.095 | 0.185 | 0.0531 | 0.0542 | 0.275 | 0.275 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | COPPERQE | COPPERQP | LEADQE | LEADQP | MERCURQE | MERCURQP | NICKELQE | NICKELQP |
|---------|--------------------------------|-------|---------|-----|----------|----------|--------|--------|----------|----------|----------|----------|
| 85001.0 | NEWPORT BAY (523) | 1788 | 8/20/97 | 54 | -9.00 | -9.00 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34 | 0.28 | 0.70 | 0.162 | 0.316 | 1.0831 | 1.1049 | 0.461 | 0.461 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36 | 0.15 | 0.38 | 0.094 | 0.182 | 0.1093 | 0.1115 | 0.355 | 0.355 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36 | 0.13 | 0.33 | 0.083 | 0.162 | 0.1155 | 0.1178 | 0.266 | 0.266 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34 | 0.16 | 0.39 | 0.111 | 0.215 | 0.4831 | 0.4928 | 0.273 | 0.273 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36 | 0.30 | 0.76 | 0.153 | 0.297 | 0.3338 | 0.3405 | 0.649 | 0.649 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34 | 0.22 | 0.56 | 0.111 | 0.217 | 0.5408 | 0.5517 | 0.424 | 0.424 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36 | 0.18 | 0.45 | 0.068 | 0.132 | 0.1972 | 0.2011 | 0.399 | 0.399 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34 | 0.34 | 0.85 | 0.172 | 0.335 | 0.6310 | 0.6437 | 0.616 | 0.616 |
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36 | 0.37 | 0.93 | 0.523 | 1.016 | 0.6239 | 0.6365 | 0.388 | 0.388 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36 | 0.89 | 2.22 | 0.448 | 0.870 | 2.8732 | 2.9310 | 0.585 | 0.585 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36 | 1.87 | 4.67 | 0.358 | 0.696 | 12.3099 | 12.5575 | 0.486 | 0.486 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45 | 1.77 | 4.43 | 0.436 | 0.847 | 10.7324 | 10.9483 | 0.537 | 0.537 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36 | 0.04 | 0.10 | 0.072 | 0.141 | 0.0211 | 0.0216 | 0.202 | 0.202 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36 | 0.14 | 0.34 | 0.136 | 0.264 | 0.1042 | 0.1063 | 0.500 | 0.500 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36 | 0.11 | 0.27 | 0.116 | 0.225 | 0.5592 | 0.5704 | 0.298 | 0.298 |
| 86001.0 | SAN DIEGO CREEK- CAMPUS | 1789 | 8/20/97 | 54 | -9.00 | -9.00 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 86002.0 | SAN DIEGO CREEK- MACARTHUR | 1790 | 8/20/97 | 54 | -9.00 | -9.00 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 86003.0 | SANTA ANA/DELHI CHANNEL-BRIDGE | 1791 | 8/20/97 | 54 | -9.00 | -9.00 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |
| 86004.0 | SANTA ANA/DELHI CHANNEL-OUTER | 1792 | 8/20/97 | 54 | -9.00 | -9.00 | -9.000 | -9.000 | -9.0000 | -9.0000 | -9.000 | -9.000 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | NICKELOP | SILVERQP | SILVERQE | SILVERQ | SILVERQE | ZINCOE | ZINCOQ | ZINCOE | ZINCOQ | METSUMQE | METSUMQP |
|---------|--------------------------------|-------|----------|-----|----------|----------|----------|---------|----------|---------|---------|---------|---------|----------|----------|
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26 | 0.472 | 0.0235 | 0.0492 | 0.2266 | 0.3428 | 0.2266 | 0.3428 | 0.9987 | 1.3104 | 0.9987 | 1.3104 |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26 | 0.542 | 0.0278 | 0.0582 | 0.2659 | 0.4022 | 0.2659 | 0.4022 | 1.0954 | 1.5201 | 1.0954 | 1.5201 |
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26 | 0.530 | 0.0265 | 0.0554 | 0.2415 | 0.3653 | 0.2415 | 0.3653 | 1.0021 | 1.4643 | 1.0021 | 1.4643 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9 | 0.561 | 0.0189 | 0.0395 | 0.2439 | 0.3690 | 0.2439 | 0.3690 | 1.8031 | 2.0239 | 1.8031 | 2.0239 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 1 | 1204 | 4/12/94 | 30 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 2 | 1205 | 4/12/94 | 30 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 3 | 1206 | 4/12/94 | 30 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 80026.1 | Huntington Harbor- Lower | 91 | 9/15/92 | 4 | 0.374 | 0.0189 | 0.0395 | 0.2927 | 0.4428 | 0.2927 | 0.4428 | 0.8305 | 1.4266 | 0.8305 | 1.4266 |
| 80026.2 | Huntington Harbor- Lower | 92 | 9/15/92 | 4 | 0.257 | 0.0757 | 0.1582 | 0.1780 | 0.2694 | 0.1780 | 0.2694 | 0.7944 | 1.0805 | 0.7944 | 1.0805 |
| 80026.3 | Huntington Harbor- Lower | 93 | 9/15/92 | 4 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 80027.1 | Huntington Harbor- Middle | 94 | 9/15/92 | 4 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 80027.2 | Huntington Harbor- Middle | 95 | 9/15/92 | 4 | 0.678 | 0.0595 | 0.1243 | 0.5610 | 0.8487 | 0.5610 | 0.8487 | 1.9989 | 3.1816 | 1.9989 | 3.1816 |
| 80027.3 | Huntington Harbor- Middle | 96 | 9/15/92 | 4 | 0.631 | 0.0568 | 0.1186 | 0.5122 | 0.7749 | 0.5122 | 0.7749 | 1.8208 | 2.8412 | 1.8208 | 2.8412 |
| 80028.1 | Huntington Harbor- Upper | 97 | 9/15/92 | 4 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 80028.2 | Huntington Harbor- Upper | 98 | 9/15/92 | 4 | 0.561 | 0.0514 | 0.1073 | 0.5610 | 0.8487 | 0.5610 | 0.8487 | 1.9568 | 3.0020 | 1.9568 | 3.0020 |
| 80028.3 | Huntington Harbor- Upper | 99 | 9/15/92 | 4 | 0.607 | 0.0595 | 0.1243 | 0.6585 | 0.9963 | 0.6585 | 0.9963 | 2.1220 | 3.3695 | 2.1220 | 3.3695 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29 | 0.713 | 0.0568 | 0.1186 | 0.7439 | 1.1255 | 0.7439 | 1.1255 | 2.1922 | 3.4382 | 2.1922 | 3.4382 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29 | 0.769 | 0.0668 | 0.1395 | 0.7024 | 1.0627 | 0.7024 | 1.0627 | 2.0541 | 3.2875 | 2.0541 | 3.2875 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29 | 0.743 | 0.0605 | 0.1266 | 0.7439 | 1.1255 | 0.7439 | 1.1255 | 2.0680 | 3.3653 | 2.0680 | 3.3653 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 1 | 1177 | 3/30/94 | 29 | 0.806 | 0.0495 | 0.1034 | 0.5220 | 0.7897 | 0.5220 | 0.7897 | 1.7085 | 2.8139 | 1.7085 | 2.8139 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 2 | 1178 | 3/30/94 | 29 | 0.738 | 0.0441 | 0.0921 | 0.5244 | 0.7934 | 0.5244 | 0.7934 | 1.6996 | 2.8192 | 1.6996 | 2.8192 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 3 | 1179 | 3/30/94 | 29 | 0.778 | 0.0578 | 0.1209 | 0.5195 | 0.7860 | 0.5195 | 0.7860 | 1.7236 | 2.8479 | 1.7236 | 2.8479 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9 | 0.467 | 0.0351 | 0.0734 | 0.3902 | 0.5904 | 0.3902 | 0.5904 | 1.5250 | 2.2428 | 1.5250 | 2.2428 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 1 | 1201 | 4/12/94 | 30 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 2 | 1202 | 4/12/94 | 30 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 3 | 1203 | 4/12/94 | 30 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82006.0 | HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9 | 0.724 | 0.0757 | 0.1582 | 0.6341 | 0.9594 | 0.6341 | 0.9594 | 2.3384 | 3.6008 | 2.3384 | 3.6008 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 8/30/94 | 34 | 0.488 | 0.0730 | 0.1525 | 0.4634 | 0.7011 | 0.4634 | 0.7011 | 4.1640 | 5.2576 | 4.1640 | 5.2576 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36 | 0.671 | 0.1114 | 0.2328 | 0.5098 | 0.7712 | 0.5098 | 0.7712 | 2.0420 | 2.9919 | 2.0420 | 2.9919 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36 | 0.159 | 0.1457 | 0.3045 | 0.1132 | 0.1712 | 0.1132 | 0.1712 | 0.7156 | 0.9382 | 0.7156 | 0.9382 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/11/94 | 34 | 0.547 | 0.2668 | 0.5576 | 0.4122 | 0.6236 | 0.4122 | 0.6236 | 1.6407 | 2.5877 | 1.6407 | 2.5877 |
| 85001.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45 | 0.332 | 0.0256 | 0.0534 | 0.2054 | 0.3107 | 0.2054 | 0.3107 | 0.7776 | 1.2790 | 0.7776 | 1.2790 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | NICKELQP | SILVERQE | SILVERQP | ZINCQE | ZINCQP | METSUMQE | METSUMQP |
|---------|--------------------------------|-------|----------|-----|----------|----------|----------|---------|---------|----------|----------|
| 80025.1 | ANAHEIM BAY- OIL ISLAND | 88 | 10/14/92 | 5 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 80025.2 | ANAHEIM BAY- OIL ISLAND | 89 | 10/14/92 | 5 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 80025.3 | ANAHEIM BAY- OIL ISLAND | 90 | 10/14/92 | 5 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 80024.1 | ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4 | 0.421 | 0.0270 | 0.0565 | 0.2317 | 0.3506 | 0.7490 | 1.3167 |
| 80024.2 | ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 80024.3 | ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4 | 0.631 | 0.0541 | 0.1130 | 0.3171 | 0.4797 | 1.4428 | 2.0475 |
| 80024.3 | ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/31/94 | 29 | 0.722 | 0.0670 | 0.1401 | 0.4220 | 0.6384 | 1.7142 | 2.3530 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/31/94 | 29 | 0.703 | 0.0622 | 0.1299 | 0.4073 | 0.6162 | 1.6139 | 2.2681 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/31/94 | 29 | 0.722 | 0.0662 | 0.1384 | 0.3878 | 0.5867 | 1.4276 | 2.2530 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 1 | 1044 | 2/2/94 | 25 | 0.736 | 0.0697 | 0.1458 | 0.3976 | 0.6015 | 1.5142 | 2.2626 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 2 | 1045 | 2/2/94 | 25 | 0.755 | 0.0697 | 0.1458 | 0.3878 | 0.5867 | 1.4713 | 2.1991 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 3 | 1046 | 2/2/94 | 25 | 0.780 | 0.0589 | 0.1232 | 0.4098 | 0.6199 | 1.6718 | 2.4761 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 1 | 1195 | 4/12/94 | 30 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 2 | 1196 | 4/12/94 | 30 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 3 | 1197 | 4/12/94 | 30 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1335 | 5/19/94 | 32 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9 | 0.421 | 0.0243 | 0.0508 | 0.2390 | 0.3616 | 0.9285 | 1.3504 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26 | 0.675 | 0.0224 | 0.0469 | 0.3268 | 0.4945 | 1.3875 | 1.8673 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26 | 0.638 | 0.0189 | 0.0395 | 0.2854 | 0.4317 | 1.1057 | 1.5261 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26 | 0.722 | 0.0232 | 0.0486 | 0.3220 | 0.4871 | 1.2497 | 1.7804 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26 | 0.507 | 0.0259 | 0.0542 | 0.2346 | 0.3550 | 0.8626 | 1.3362 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26 | 0.521 | 0.0197 | 0.0412 | 0.1880 | 0.2845 | 0.8482 | 1.0619 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26 | 0.701 | 0.0232 | 0.0486 | 0.3512 | 0.5314 | 1.2721 | 1.5795 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9 | 0.421 | 0.0243 | 0.0508 | 0.2073 | 0.3137 | 0.9633 | 1.2473 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 423 | 12/11/92 | 9 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26 | 0.757 | 0.0262 | 0.0548 | 0.3098 | 0.4686 | 1.3173 | 1.7516 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26 | 0.731 | 0.0308 | 0.0644 | 0.3220 | 0.4871 | 1.4379 | 2.2041 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26 | 0.745 | 0.0332 | 0.0695 | 0.3780 | 0.5720 | 1.5599 | 2.1871 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9 | -9.000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9.0000 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | NICKELQP | SILVERQE | SILVERQP | ZINCQE | ZINCQP | METSUMQE | METSUMQP |
|---------|--------------------------------|-------|---------|-----|----------|----------|----------|----------|----------|----------|----------|
| 85001.0 | NEWPORT BAY (523) | 1788 | 8/20/97 | 54 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34 | 0.556 | 0.0865 | 0.1808 | 0.5098 | 0.7712 | 2.7889 | 3.7988 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36 | 0.428 | 0.1659 | 0.3469 | 0.3439 | 0.5203 | 1.4202 | 2.1901 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36 | 0.320 | 0.1576 | 0.3294 | 0.3317 | 0.5018 | 1.2954 | 2.0023 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34 | 0.329 | 0.1097 | 0.2294 | 0.2434 | 0.3683 | 1.5945 | 2.2135 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36 | 0.783 | 0.0951 | 0.1989 | 0.5780 | 0.8745 | 2.2913 | 3.4218 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34 | 0.512 | 0.1035 | 0.2164 | 0.3951 | 0.5978 | 1.9732 | 2.8583 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36 | 0.481 | 0.1297 | 0.2712 | 0.3780 | 0.5720 | 1.6676 | 2.3947 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34 | 0.743 | 0.0927 | 0.1938 | 0.6024 | 0.9114 | 2.7034 | 3.8283 |
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36 | 0.467 | 0.2076 | 0.4339 | 0.8756 | 1.3247 | 3.6451 | 5.3438 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36 | 0.706 | 0.1838 | 0.3842 | 1.1220 | 1.6974 | 6.4841 | 9.1218 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36 | 0.586 | 0.2227 | 0.4655 | 0.7390 | 1.1181 | 16.6431 | 20.7048 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45 | 0.647 | 0.0481 | 0.1006 | 0.5756 | 0.8708 | 14.4665 | 18.1464 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36 | 0.243 | 0.2811 | 0.5876 | 0.1454 | 0.2199 | 0.9229 | 1.5009 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36 | 0.603 | 0.2330 | 0.4870 | 0.4171 | 0.6310 | 1.7912 | 2.6012 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36 | 0.360 | 0.1070 | 0.2237 | 0.2110 | 0.3192 | 1.6208 | 2.1999 |
| 86001.0 | SAN DIEGO CREEK- CAMPUS | 1789 | 8/20/97 | 54 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 86002.0 | SAN DIEGO CREEK- MACARTHUR | 1790 | 8/20/97 | 54 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 86003.0 | SANTA ANA/DELHI CHANNEL-BRIDGE | 1791 | 8/20/97 | 54 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 86004.0 | SANTA ANA/DELHI CHANNEL-OUTER | 1792 | 8/20/97 | 54 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | TTLCHLQ | TTLCHLQ | FPDDEQE | FPDDEQE | FPDDTQP | TLLDDTQE | TLLDDTQP | -9.00 | -9.00 |
|---------|--------------------------------|-------|----------|-----|---------|---------|----------|----------|----------|----------|----------|-------|-------|
| 80025.1 | ANAHEIM BAY- OIL ISLAND | 88 | 10/14/92 | 5 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80025.2 | ANAHEIM BAY- OIL ISLAND | 89 | 10/14/92 | 5 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80025.3 | ANAHEIM BAY- OIL ISLAND | 90 | 10/14/92 | 5 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80024.1 | ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4 | 0.217 | 0.271 | 0.39259 | 0.02833 | 0.35639 | 0.05 | 0.05 | 0.05 | 0.05 |
| 80024.2 | ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80024.3 | ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4 | 0.383 | 0.480 | 0.92593 | 0.06681 | 0.10482 | 0.08 | 0.08 | 0.08 | 0.08 |
| 80024.3 | ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/31/94 | 29 | 1.187 | 1.487 | 1.36667 | 0.09861 | 2.08176 | 0.04 | 0.04 | 0.04 | 0.04 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/31/94 | 29 | 1.240 | 1.553 | 1.17407 | 0.08471 | 0.86164 | 0.04 | 0.04 | 0.04 | 0.04 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/31/94 | 29 | 1.152 | 1.443 | 1.12222 | 0.08097 | 2.34801 | 0.04 | 0.04 | 0.04 | 0.04 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 1 | 1044 | 2/2/94 | 25 | 1.054 | 1.320 | 1.09259 | 0.07883 | 1.20545 | 0.03 | 0.03 | 0.03 | 0.03 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 2 | 1045 | 2/2/94 | 25 | 1.086 | 1.360 | 1.24074 | 0.08952 | 0.21174 | 0.03 | 0.03 | 0.03 | 0.03 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 3 | 1046 | 2/2/94 | 25 | 7.428 | 9.305 | 1.36296 | 0.09834 | 10.12579 | 0.08 | 0.08 | 0.08 | 0.08 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1195 | 4/12/94 | 30 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 1 | 1196 | 4/12/94 | 30 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 2 | 1197 | 4/12/94 | 30 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 3 | 1197 | 4/12/94 | 30 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1335 | 5/19/94 | 32 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9 | 0.083 | 0.104 | 0.32963 | 0.02378 | 0.10482 | 0.02 | 0.02 | 0.02 | 0.02 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26 | 0.208 | 0.261 | 0.17444 | 0.01259 | 0.10482 | 0.01 | 0.01 | 0.01 | 0.01 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26 | 0.208 | 0.261 | 0.17111 | 0.01235 | 0.10482 | 0.01 | 0.01 | 0.01 | 0.01 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26 | 0.208 | 0.261 | 0.14222 | 0.01026 | 0.10482 | 0.00 | 0.00 | 0.00 | 0.00 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26 | 0.302 | 0.378 | 0.27741 | 0.02002 | 0.70860 | 0.02 | 0.02 | 0.02 | 0.02 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26 | 0.257 | 0.322 | 0.25222 | 0.01820 | 0.10482 | 0.01 | 0.01 | 0.01 | 0.01 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26 | 0.208 | 0.261 | 0.14630 | 0.01056 | 0.10482 | 0.01 | 0.01 | 0.01 | 0.01 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9 | 0.083 | 0.104 | 0.33333 | 0.02405 | 0.10482 | 0.02 | 0.02 | 0.02 | 0.02 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE | 423 | 12/11/92 | 9 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26 | 0.208 | 0.261 | 0.31889 | 0.02301 | 0.10482 | 0.01 | 0.01 | 0.01 | 0.01 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26 | 0.305 | 0.381 | 0.25407 | 0.01833 | 0.10482 | 0.01 | 0.01 | 0.01 | 0.01 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26 | 0.395 | 0.495 | 0.41852 | 0.03020 | 0.24528 | 0.01 | 0.01 | 0.01 | 0.01 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 | -9.00 | -9.00 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | TTLCHLQE | TTLCHLQP | FPDDEQE | FPDDEQP | FPDDTQP | TTLDDTQE | TTLDDTQP |
|---------|--------------------------------|-------|----------|-----|----------|----------|----------|----------|----------|----------|----------|
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26 | 0.208 | 0.261 | 0.31185 | 0.02250 | 0.10482 | 0.01 | 0.01 |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26 | 0.208 | 0.261 | 0.44074 | 0.03180 | 0.10482 | 0.01 | 0.01 |
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26 | 0.208 | 0.261 | 0.27741 | 0.02002 | 0.10482 | 0.01 | 0.01 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9 | 0.283 | 0.355 | 0.41852 | 0.03020 | 0.10482 | 0.02 | 0.02 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 1 | 1204 | 4/12/94 | 30 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 2 | 1205 | 4/12/94 | 30 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 3 | 1206 | 4/12/94 | 30 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 |
| 80026.1 | Huntington Harbor- Lower | 91 | 9/15/92 | 4 | 0.600 | 0.752 | 0.47037 | 0.03394 | 0.44025 | 0.04 | 0.04 |
| 80026.2 | Huntington Harbor- Lower | 92 | 9/15/92 | 4 | 0.267 | 0.334 | 0.20741 | 0.01497 | 0.73375 | 0.01 | 0.01 |
| 80026.3 | Huntington Harbor- Lower | 93 | 9/15/92 | 4 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 |
| 80027.1 | Huntington Harbor- Middle | 94 | 9/15/92 | 4 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 |
| 80027.2 | Huntington Harbor- Middle | 95 | 9/15/92 | 4 | 1.533 | 1.921 | 2.81481 | 0.20310 | 0.71279 | 0.12 | 0.12 |
| 80027.3 | Huntington Harbor- Middle | 96 | 9/15/92 | 4 | 1.550 | 1.942 | 2.66667 | 0.19241 | 1.06918 | 0.07 | 0.07 |
| 80028.1 | Huntington Harbor- Upper | 97 | 9/15/92 | 4 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 |
| 80028.2 | Huntington Harbor- Upper | 98 | 9/15/92 | 4 | 2.900 | 3.633 | 3.03704 | 0.21913 | 0.79665 | 0.07 | 0.07 |
| 80028.3 | Huntington Harbor- Upper | 99 | 9/15/92 | 4 | 2.733 | 3.424 | 3.44444 | 0.24853 | 0.90147 | 0.05 | 0.05 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29 | 6.950 | 8.706 | 3.96296 | 0.28594 | 4.65409 | 0.06 | 0.06 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29 | 6.787 | 8.501 | 5.29630 | 0.38215 | 3.50105 | 0.07 | 0.07 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29 | 6.152 | 7.706 | 4.96296 | 0.35810 | 3.81551 | 0.06 | 0.06 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 1 | 1177 | 3/30/94 | 29 | 2.603 | 3.261 | 1.99630 | 0.14404 | 2.00629 | 0.06 | 0.06 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 2 | 1178 | 3/30/94 | 29 | 2.473 | 3.098 | 2.43333 | 0.17557 | 1.11950 | 0.06 | 0.06 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 3 | 1179 | 3/30/94 | 29 | 2.898 | 3.630 | 3.19259 | 0.23036 | 1.74214 | 0.08 | 0.08 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9 | 0.667 | 0.835 | 1.06667 | 0.07696 | 0.37736 | 0.07 | 0.07 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 1 | 1201 | 4/12/94 | 30 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 2 | 1202 | 4/12/94 | 30 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 3 | 1203 | 4/12/94 | 30 | -9.000 | -9.000 | -9.00000 | -9.00000 | -9.00000 | -9.00 | -9.00 |
| 82006.0 | HUNTINGTON HARBOR-PETERS | 406 | 12/10/92 | 9 | 1.500 | 1.879 | 2.90370 | 0.20951 | 1.19497 | 0.15 | 0.15 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 8/30/94 | 34 | 0.320 | 0.401 | 1.47407 | 0.10636 | 0.28092 | 0.04 | 0.04 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36 | 1.018 | 1.276 | 3.22963 | 0.23303 | 1.00000 | 0.07 | 0.07 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36 | 0.180 | 0.226 | 0.32704 | 0.02360 | 3.83648 | 0.10 | 0.10 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/11/94 | 34 | 0.933 | 1.169 | 2.07407 | 0.14965 | 0.74423 | 0.05 | 0.05 |
| 85001.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45 | 0.431 | 0.539 | 0.93333 | 0.06734 | 0.31866 | 0.05 | 0.05 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | TTLCHLQE | TTLCHIQP | PPDEQE | PPDEQOP | PPDDTQP | TLLDDTQE | TLLDDTQP |
|---------|--------------------------------|-------|---------|-----|----------|----------|-----------|-----------|-----------|----------|----------|
| 85001.0 | NEWPORT BAY (523) | 1788 | 8/20/97 | 54 | -9.000 | -9.000 | -9.000000 | -9.000000 | -9.000000 | -9.00 | -9.00 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34 | 0.555 | 0.695 | 2.25556 | 0.16275 | 0.51153 | 0.06 | 0.06 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36 | 1.112 | 1.392 | 2.48889 | 0.17958 | 0.75472 | 0.05 | 0.05 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36 | 0.457 | 0.572 | 1.02222 | 0.07376 | 0.31447 | 0.05 | 0.05 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34 | 0.328 | 0.410 | 1.04444 | 0.07536 | 0.26625 | 0.05 | 0.05 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36 | 0.812 | 1.017 | 2.60000 | 0.18760 | 0.92453 | 0.04 | 0.04 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34 | 0.662 | 0.829 | 2.04074 | 0.14725 | 0.49895 | 0.06 | 0.06 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36 | 1.130 | 1.415 | 2.39259 | 0.17263 | 0.85115 | 0.06 | 0.06 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34 | 0.747 | 0.935 | 2.31111 | 0.16676 | 0.65409 | 0.04 | 0.04 |
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36 | 5.208 | 6.524 | 2.42963 | 0.17531 | 2.08176 | 0.03 | 0.03 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36 | 3.763 | 4.714 | 1.76667 | 0.12747 | 0.26415 | 0.02 | 0.02 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36 | 0.643 | 0.806 | 1.45926 | 0.10529 | 0.46331 | 0.03 | 0.03 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45 | 0.961 | 1.203 | 1.64444 | 0.11865 | 0.31237 | 0.03 | 0.03 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36 | 0.365 | 0.457 | 0.74444 | 0.05371 | 0.46960 | 0.07 | 0.07 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36 | 1.822 | 2.282 | 2.18148 | 0.15740 | 0.93501 | 0.05 | 0.05 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36 | 0.285 | 0.357 | 0.68148 | 0.04917 | 0.10482 | 0.05 | 0.05 |
| 86001.0 | SAN DIEGO CREEK - CAMPUS | 1789 | 8/20/97 | 54 | -9.000 | -9.000 | -9.000000 | -9.000000 | -9.000000 | -9.00 | -9.00 |
| 86002.0 | SAN DIEGO CREEK - MACARTHUR | 1790 | 8/20/97 | 54 | -9.000 | -9.000 | -9.000000 | -9.000000 | -9.000000 | -9.00 | -9.00 |
| 86003.0 | SANTA ANA/DELHI CHANNEL-BRIDGE | 1791 | 8/20/97 | 54 | -9.000 | -9.000 | -9.000000 | -9.000000 | -9.000000 | -9.00 | -9.00 |
| 86004.0 | SANTA ANA/DELHI CHANNEL-OUTER | 1792 | 8/20/97 | 54 | -9.000 | -9.000 | -9.000000 | -9.000000 | -9.000000 | -9.00 | -9.00 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | DIELDROQ | DIELDRQP | ENDRINQE | LJNDANEQP | TTLPCBOE | TTLPCBQP | ACYQE |
|---------|--------------------------------|-------|----------|-----|----------|----------|----------|-----------|----------|----------|----------|
| 80025.1 | ANAHEIM BAY-OIL ISLAND | 88 | 10/14/92 | 5 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 80025.2 | ANAHEIM BAY-OIL ISLAND | 89 | 10/14/92 | 5 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 80025.3 | ANAHEIM BAY-OIL ISLAND | 90 | 10/14/92 | 5 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 80024.1 | ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4 | 0.188 | 0.349 | 0.02222 | 0.101 | 0.076 | 0.073 | -9.00000 |
| 80024.2 | ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 80024.3 | ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.151 | 0.144 | -9.00000 |
| 80024.3 | ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/3/94 | 29 | 0.084 | 0.157 | 0.02222 | 0.101 | 0.210 | 0.200 | 0.00391 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/3/94 | 29 | 0.063 | 0.118 | 0.02222 | 0.101 | 0.183 | 0.174 | 0.00391 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/3/94 | 29 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.173 | 0.165 | 0.00391 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 1 | 1044 | 2/2/94 | 25 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.153 | 0.146 | 0.00391 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 2 | 1045 | 2/2/94 | 25 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.187 | 0.178 | 0.00391 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 3 | 1046 | 2/2/94 | 25 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.199 | 0.190 | 0.00391 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 1 | 1195 | 4/12/94 | 30 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 2 | 1196 | 4/12/94 | 30 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 3 | 1197 | 4/12/94 | 30 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1335 | 5/19/94 | 32 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.063 | 0.060 | -9.00000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.050 | 0.048 | 0.00391 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.050 | 0.048 | 0.00391 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.054 | 0.051 | 0.00391 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.059 | 0.057 | 0.00391 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.050 | 0.048 | 0.00391 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.058 | 0.056 | 0.00391 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.062 | 0.059 | -9.00000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE | 423 | 12/11/92 | 9 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.100 | 0.095 | 0.00391 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.050 | 0.048 | 0.00391 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.058 | 0.055 | 0.00391 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | DIELDRQ | DIELDRQ | DIELDRQ | ENDRINQ | LINDANEQ | TTLPCBQ | TTLPCBQ | ACYQE |
|---------|--------------------------------|-------|----------|-----|---------|---------|---------|----------|----------|---------|---------|----------|
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17 | -9.000 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26 | 0.031 | 0.058 | 0.058 | 0.02222 | 0.101 | 0.054 | 0.051 | 0.00391 |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26 | 0.031 | 0.058 | 0.058 | 0.02222 | 0.101 | 0.061 | 0.058 | 0.00391 |
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26 | 0.031 | 0.058 | 0.058 | 0.02222 | 0.101 | 0.124 | 0.118 | 0.00391 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9 | -9.000 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9 | -9.000 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17 | -9.000 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9 | 0.031 | 0.058 | 0.058 | 0.02222 | 0.101 | 0.135 | 0.129 | -9.00000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 1 | 1204 | 4/12/94 | 30 | -9.000 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 2 | 1205 | 4/12/94 | 30 | -9.000 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 3 | 1206 | 4/12/94 | 30 | -9.000 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 80026.1 | Huntington Harbor- Lower | 91 | 9/15/92 | 4 | 0.250 | 0.465 | 0.465 | 0.02222 | 0.101 | 0.087 | 0.083 | -9.00000 |
| 80026.2 | Huntington Harbor- Lower | 92 | 9/15/92 | 4 | 0.031 | 0.058 | 0.058 | 0.02222 | 0.101 | 0.050 | 0.048 | -9.00000 |
| 80026.3 | Huntington Harbor- Lower | 93 | 9/15/92 | 4 | -9.000 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 80027.1 | Huntington Harbor- Middle | 94 | 9/15/92 | 4 | -9.000 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 80027.2 | Huntington Harbor- Middle | 95 | 9/15/92 | 4 | 0.031 | 0.058 | 0.058 | 0.02222 | 0.101 | 0.363 | 0.346 | -9.00000 |
| 80027.3 | Huntington Harbor- Middle | 96 | 9/15/92 | 4 | 0.113 | 0.209 | 0.209 | 0.02222 | 0.101 | 0.316 | 0.301 | -9.00000 |
| 80028.1 | Huntington Harbor- Upper | 97 | 9/15/92 | 4 | -9.000 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 80028.2 | Huntington Harbor- Upper | 98 | 9/15/92 | 4 | 0.225 | 0.419 | 0.419 | 0.02222 | 0.101 | 0.362 | 0.345 | -9.00000 |
| 80028.3 | Huntington Harbor- Upper | 99 | 9/15/92 | 4 | 0.031 | 0.058 | 0.058 | 0.02222 | 0.101 | 0.433 | 0.413 | -9.00000 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29 | 0.438 | 0.814 | 0.814 | 0.02222 | 0.101 | 0.487 | 0.465 | 0.00391 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29 | 0.386 | 0.719 | 0.719 | 0.02222 | 0.101 | 0.397 | 0.378 | 0.00855 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29 | 0.296 | 0.551 | 0.551 | 0.02222 | 0.101 | 0.400 | 0.381 | 0.00391 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 1 | 1177 | 3/30/94 | 29 | 0.129 | 0.240 | 0.240 | 0.02222 | 0.101 | 0.296 | 0.282 | 0.00391 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 2 | 1178 | 3/30/94 | 29 | 0.089 | 0.165 | 0.165 | 0.02222 | 0.101 | 0.276 | 0.263 | 0.00391 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 3 | 1179 | 3/30/94 | 29 | 0.126 | 0.235 | 0.235 | 0.02222 | 0.101 | 0.312 | 0.298 | 0.00391 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9 | -9.000 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19 | -9.000 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9 | 0.031 | 0.058 | 0.058 | 0.02222 | 0.101 | 0.246 | 0.234 | -9.00000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 1 | 1201 | 4/12/94 | 30 | -9.000 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 2 | 1202 | 4/12/94 | 30 | -9.000 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 3 | 1203 | 4/12/94 | 30 | -9.000 | -9.000 | -9.000 | -9.00000 | -9.000 | -9.000 | -9.000 | -9.00000 |
| 82006.0 | HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9 | 0.138 | 0.256 | 0.256 | 0.02222 | 0.101 | 0.494 | 0.471 | -9.00000 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 8/30/94 | 34 | 0.031 | 0.058 | 0.058 | 0.02222 | 0.101 | 0.456 | 0.435 | 0.00391 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36 | 0.031 | 0.058 | 0.058 | 0.02222 | 0.101 | 0.144 | 0.137 | 0.00391 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36 | 0.031 | 0.058 | 0.058 | 0.02222 | 0.101 | 0.050 | 0.048 | 0.00391 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34 | 0.076 | 0.141 | 0.141 | 0.02222 | 0.101 | 0.104 | 0.099 | 0.00391 |
| 85001.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45 | 0.031 | 0.058 | 0.058 | 0.02222 | 0.101 | 0.062 | 0.059 | 0.00391 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | DIELDRQE | DIELDRQP | ENDRINQE | LINDANEQP | TTLPCBQE | TTLPCBQP | ACQYE |
|---------|--------------------------------|-------|---------|-----|----------|----------|-----------|-----------|----------|----------|-----------|
| 85001.0 | NEWPORT BAY (523) | 1788 | 8/20/97 | 54 | -9.0000 | -9.0000 | -9.000000 | -9.0000 | -9.0000 | -9.0000 | -9.000000 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.311 | 0.297 | 0.00391 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.102 | 0.097 | 0.00391 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36 | 0.130 | 0.242 | 0.02222 | 0.101 | 0.116 | 0.111 | 0.00391 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.257 | 0.245 | 0.00391 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.182 | 0.174 | 0.00391 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.366 | 0.349 | 0.00391 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36 | 0.109 | 0.202 | 0.02222 | 0.101 | 0.129 | 0.123 | 0.00391 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.244 | 0.232 | 0.00391 |
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36 | 0.183 | 0.340 | 0.02222 | 0.101 | 0.628 | 0.599 | 0.01414 |
| 85014.0 | NEWPORT BAY (RHINE ISLAND) | 1425 | 9/19/94 | 36 | 0.031 | 0.058 | 0.02222 | 0.101 | 1.051 | 1.002 | 0.01086 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36 | 0.610 | 1.135 | 0.02222 | 0.101 | 2.049 | 1.954 | 0.01938 |
| 85018.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45 | 0.031 | 0.058 | 0.02222 | 0.101 | 1.994 | 1.901 | 0.02297 |
| 85017.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36 | 0.031 | 0.058 | 0.02222 | 0.101 | 0.050 | 0.048 | 0.00391 |
| 85016.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36 | 0.064 | 0.119 | 0.02222 | 0.101 | 0.176 | 0.168 | 0.00391 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36 | 0.314 | 0.584 | 0.02222 | 0.101 | 0.144 | 0.137 | 0.00391 |
| 86001.0 | SAN DIEGO CREEK- CAMPUS | 1789 | 8/20/97 | 54 | -9.0000 | -9.0000 | -9.000000 | -9.0000 | -9.0000 | -9.0000 | -9.000000 |
| 86002.0 | SAN DIEGO CREEK- MACARTHUR | 1790 | 8/20/97 | 54 | -9.0000 | -9.0000 | -9.000000 | -9.0000 | -9.0000 | -9.0000 | -9.000000 |
| 86003.0 | SANTA ANA/DELHI CHANNEL-BRIDGE | 1791 | 8/20/97 | 54 | -9.0000 | -9.0000 | -9.000000 | -9.0000 | -9.0000 | -9.0000 | -9.000000 |
| 86004.0 | SANTA ANA/DELHI CHANNEL-OUTER | 1792 | 8/20/97 | 54 | -9.0000 | -9.0000 | -9.000000 | -9.0000 | -9.0000 | -9.0000 | -9.000000 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | ACYQP | ACEQE | ACEQP | ANTQE | ANTQP | BAAQE | BAAQP | BAQPE | BAQPQ |
|---------|--------------------------------|-------|----------|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 80025.1 | ANAHEIM BAY- OIL ISLAND | 88 | 10/14/92 | 5 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80025.2 | ANAHEIM BAY- OIL ISLAND | 89 | 10/14/92 | 5 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80025.3 | ANAHEIM BAY- OIL ISLAND | 90 | 10/14/92 | 5 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80024.1 | ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4 | -9.00000 | 0.09740 | 0.54781 | 0.14273 | 0.64082 | 0.07313 | 0.16895 | 0.05088 | 0.10665 |
| 80024.2 | ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80024.3 | ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4 | -9.00000 | 0.02600 | 0.14623 | 0.02000 | 0.08980 | 0.06875 | 0.15884 | 0.04188 | 0.08779 |
| 80024.3 | ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/31/94 | 29 | 0.01955 | 0.00500 | 0.02812 | 0.01191 | 0.05347 | 0.02669 | 0.06166 | 0.03756 | 0.07875 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/31/94 | 29 | 0.01955 | 0.01110 | 0.06243 | 0.01882 | 0.08449 | 0.02413 | 0.05574 | 0.06813 | 0.14282 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/31/94 | 29 | 0.01955 | 0.09860 | 0.55456 | 0.05064 | 0.22735 | 0.03419 | 0.07899 | 0.07438 | 0.15592 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 1 | 1044 | 2/2/94 | 25 | 0.01955 | 0.00500 | 0.02812 | 0.01909 | 0.08571 | 0.02625 | 0.06065 | 0.06156 | 0.12906 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 2 | 1045 | 2/2/94 | 25 | 0.01955 | 0.00500 | 0.02812 | 0.01800 | 0.08082 | 0.02888 | 0.06671 | 0.03744 | 0.07848 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 3 | 1046 | 2/2/94 | 25 | 0.01955 | 0.00500 | 0.02812 | 0.02345 | 0.10531 | 0.03200 | 0.07393 | 0.04419 | 0.09263 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 1 | 1195 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 2 | 1196 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 3 | 1197 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1335 | 5/19/94 | 32 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9 | -9.00000 | 0.00500 | 0.02812 | 0.00527 | 0.02367 | 0.00850 | 0.01964 | 0.00944 | 0.01978 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.00156 | 0.00361 | 0.00410 | 0.00860 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.00156 | 0.00361 | 0.00156 | 0.00328 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.00156 | 0.00361 | 0.00381 | 0.00799 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.00374 | 0.00865 | 0.00806 | 0.01690 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.00377 | 0.00871 | 0.00548 | 0.01148 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.00156 | 0.00361 | 0.00156 | 0.00328 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9 | -9.00000 | 0.01300 | 0.07312 | 0.01645 | 0.07388 | 0.01481 | 0.03422 | 0.02094 | 0.04389 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE | 423 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.00156 | 0.00361 | 0.00156 | 0.00328 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.00156 | 0.00361 | 0.00401 | 0.00840 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.00462 | 0.01067 | 0.00769 | 0.01612 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | ACYQP | ACEQE | ACEQP | ANTQE | ANTQP | BAAQE | BAAQP | BAQOE | BAQOP | BAFOQ | BAFOP |
|---------|---------------------------------|-------|----------|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26 | 0.01955 | 0.00500 | 0.02812 | 0.00804 | 0.03608 | 0.00831 | 0.01920 | 0.00856 | 0.01795 | 0.01150 | 0.02411 |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26 | 0.01955 | 0.00500 | 0.02812 | 0.03345 | 0.15020 | 0.01444 | 0.03336 | 0.01150 | 0.02411 | 0.01150 | 0.02411 |
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.00374 | 0.00864 | 0.00623 | 0.01305 | 0.00623 | 0.01305 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9 | -9.00000 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.00844 | 0.01949 | 0.01500 | 0.03145 | 0.01500 | 0.03145 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 1 | 1204 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 2 | 1205 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 3 | 1206 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80026.1 | Huntington Harbor- Lower | 91 | 9/15/92 | 4 | -9.00000 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.01200 | 0.02772 | 0.01813 | 0.03800 | 0.01813 | 0.03800 |
| 80026.2 | Huntington Harbor- Lower | 92 | 9/15/92 | 4 | -9.00000 | 0.00500 | 0.02812 | 0.00791 | 0.03551 | 0.01313 | 0.03032 | 0.01625 | 0.03407 | 0.01625 | 0.03407 |
| 80026.3 | Huntington Harbor- Lower | 93 | 9/15/92 | 4 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80027.1 | Huntington Harbor- Middle | 94 | 9/15/92 | 4 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80027.2 | Huntington Harbor- Middle | 95 | 9/15/92 | 4 | -9.00000 | 0.00500 | 0.02812 | 0.01545 | 0.06939 | 0.03313 | 0.07653 | 0.05500 | 0.11530 | 0.05500 | 0.11530 |
| 80027.3 | Huntington Harbor- Middle | 96 | 9/15/92 | 4 | -9.00000 | 0.00500 | 0.02812 | 0.00900 | 0.04041 | 0.03688 | 0.08519 | 0.05188 | 0.10875 | 0.05188 | 0.10875 |
| 80028.1 | Huntington Harbor- Upper | 97 | 9/15/92 | 4 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80028.2 | Huntington Harbor- Upper | 98 | 9/15/92 | 4 | -9.00000 | 0.00500 | 0.02812 | 0.01455 | 0.06531 | 0.05125 | 0.11841 | 0.06875 | 0.14413 | 0.06875 | 0.14413 |
| 80028.3 | Huntington Harbor- Upper | 99 | 9/15/92 | 4 | -9.00000 | 0.00500 | 0.02812 | 0.01545 | 0.06939 | 0.08750 | 0.20216 | 0.09375 | 0.19654 | 0.09375 | 0.19654 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29 | 0.01955 | 0.01096 | 0.06164 | 0.01673 | 0.07510 | 0.05519 | 0.12750 | 0.11250 | 0.23584 | 0.11250 | 0.23584 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29 | 0.04277 | 0.01086 | 0.06108 | 0.01464 | 0.06571 | 0.05231 | 0.12086 | 0.10625 | 0.22274 | 0.10625 | 0.22274 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29 | 0.01955 | 0.01176 | 0.06614 | 0.01682 | 0.07551 | 0.05288 | 0.12216 | 0.15750 | 0.33018 | 0.15750 | 0.33018 |
| 80027.3 | HUNTINGTON HARBOR, MIDDLE-REP 1 | 1177 | 3/30/94 | 29 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.02319 | 0.05357 | 0.05738 | 0.12028 | 0.05738 | 0.12028 |
| 80027.3 | HUNTINGTON HARBOR, MIDDLE-REP 2 | 1178 | 3/30/94 | 29 | 0.01955 | 0.00500 | 0.02812 | 0.00689 | 0.03094 | 0.02013 | 0.04650 | 0.07625 | 0.15985 | 0.07625 | 0.15985 |
| 80027.3 | HUNTINGTON HARBOR, MIDDLE-REP 3 | 1179 | 3/30/94 | 29 | 0.01955 | 0.00500 | 0.02812 | 0.00779 | 0.03498 | 0.02563 | 0.05920 | 0.09063 | 0.18998 | 0.09063 | 0.18998 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9 | -9.00000 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.01244 | 0.02874 | 0.02081 | 0.04363 | 0.02081 | 0.04363 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 1 | 1201 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 2 | 1202 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 3 | 1203 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82006.0 | HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9 | -9.00000 | 0.00500 | 0.02812 | 0.00636 | 0.02857 | 0.03138 | 0.07249 | 0.06025 | 0.12631 | 0.06025 | 0.12631 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 8/30/94 | 34 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.01250 | 0.02888 | 0.03506 | 0.07350 | 0.03506 | 0.07350 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.01519 | 0.03509 | 0.03638 | 0.07626 | 0.03638 | 0.07626 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.00357 | 0.00825 | 0.00381 | 0.00799 | 0.00381 | 0.00799 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.01388 | 0.03206 | 0.02981 | 0.06250 | 0.02981 | 0.06250 |
| 85001.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.01450 | 0.03350 | 0.01888 | 0.03957 | 0.01888 | 0.03957 |

Chemistry Summations and Quotients

| STANUM | STATION | IDRG | DATE | LEG | ACYQP | ACEQE | ACEQP | ANTQE | ANTQP | BAAQE | BAAQP | BAPQE | BAQPQ |
|---------|--------------------------------|------|---------|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 85001.0 | NEWPORT BAY (523) | 1788 | 8/20/97 | 54 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.01219 | 0.02816 | 0.03575 | 0.07495 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.01744 | 0.04029 | 0.03081 | 0.06459 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.00781 | 0.01805 | 0.01369 | 0.02869 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.01513 | 0.03494 | 0.03869 | 0.08110 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.01644 | 0.03798 | 0.03919 | 0.08215 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.01419 | 0.03278 | 0.03050 | 0.06394 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.02244 | 0.05184 | 0.03913 | 0.08202 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34 | 0.01955 | 0.00500 | 0.02812 | 0.00708 | 0.03180 | 0.02956 | 0.06830 | 0.06563 | 0.13758 |
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36 | 0.07076 | 0.06660 | 0.37458 | 0.08609 | 0.38653 | 0.24375 | 0.56315 | 0.34500 | 0.72325 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36 | 0.05434 | 0.00500 | 0.02812 | 0.01818 | 0.08163 | 0.05456 | 0.12606 | 0.20000 | 0.41928 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36 | 0.09696 | 0.01192 | 0.06704 | 0.02818 | 0.12653 | 0.07188 | 0.16606 | 0.16438 | 0.34459 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45 | 0.11494 | 0.03800 | 0.21372 | 0.06882 | 0.30898 | 0.15125 | 0.34944 | 0.20813 | 0.43631 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36 | 0.01955 | 0.00500 | 0.02812 | 0.00227 | 0.01020 | 0.00420 | 0.00970 | 0.00589 | 0.01236 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36 | 0.01955 | 0.00500 | 0.02812 | 0.00686 | 0.03082 | 0.04100 | 0.09473 | 0.06750 | 0.14151 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36 | 0.01955 | 0.00500 | 0.02812 | 0.02127 | 0.09551 | 0.04794 | 0.11075 | 0.08875 | 0.18605 |
| 86001.0 | SAN DIEGO CREEK - CAMPUS | 1789 | 8/20/97 | 54 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 86002.0 | SAN DIEGO CREEK - MACARTHUR | 1790 | 8/20/97 | 54 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 86003.0 | SANTA ANA/DELHI CHANNEL-BRIDGE | 1791 | 8/20/97 | 54 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 86004.0 | SANTA ANA/DELHI CHANNEL-OUTER | 1792 | 8/20/97 | 54 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | CHRCQ | CHRCQ | CHRCQ | DBAQE | DBAQP | FLAQE | FLAQP | FLUQE | FLUQP | MNP2QE |
|---------|--------------------------------|-------|----------|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 80025.1 | ANAHEIM BAY - OIL ISLAND | 88 | 10/14/92 | 5 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80025.2 | ANAHEIM BAY - OIL ISLAND | 89 | 10/14/92 | 5 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80025.3 | ANAHEIM BAY - OIL ISLAND | 90 | 10/14/92 | 5 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80024.1 | ANAHEIM BAY - OUTER | 85 | 9/15/92 | 4 | 0.16643 | 0.55084 | 0.04000 | 0.07726 | 0.06392 | 0.21827 | 0.09093 | 0.34015 | 0.01687 | 0.01687 |
| 80024.2 | ANAHEIM BAY - OUTER | 86 | 9/15/92 | 4 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80024.3 | ANAHEIM BAY - OUTER | 87 | 9/15/92 | 4 | 0.07500 | 0.24823 | 0.07692 | 0.14858 | 0.03529 | 0.12052 | 0.02407 | 0.09006 | 0.01269 | 0.01269 |
| 80024.3 | ANAHEIM BAY - OUTER | 807 | 5/27/93 | 19 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80024.3 | ANAHEIM BAY - OUTER-REP 1 | 1171 | 3/31/94 | 29 | 0.02539 | 0.08404 | 0.04692 | 0.09063 | 0.02255 | 0.07700 | 0.00463 | 0.01732 | 0.01406 | 0.01406 |
| 80024.3 | ANAHEIM BAY - OUTER-REP 2 | 1172 | 3/31/94 | 29 | 0.02343 | 0.07754 | 0.05808 | 0.11218 | 0.02137 | 0.07298 | 0.01250 | 0.04676 | 0.01452 | 0.01452 |
| 80024.3 | ANAHEIM BAY - OUTER-REP 3 | 1173 | 3/31/94 | 29 | 0.03400 | 0.11253 | 0.06000 | 0.11589 | 0.03176 | 0.10847 | 0.11056 | 0.41358 | 0.04134 | 0.04134 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 1 | 1044 | 2/2/94 | 25 | 0.02332 | 0.07719 | 0.05346 | 0.10326 | 0.01945 | 0.06642 | 0.00463 | 0.01732 | 0.01019 | 0.01019 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 2 | 1045 | 2/2/94 | 25 | 0.02482 | 0.08215 | 0.04423 | 0.08543 | 0.01857 | 0.06341 | 0.00463 | 0.01732 | 0.01070 | 0.01070 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 3 | 1046 | 2/2/94 | 25 | 0.02861 | 0.09468 | 0.05346 | 0.10326 | 0.02118 | 0.07231 | 0.01033 | 0.03866 | 0.01213 | 0.01213 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1195 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 1 | 1196 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 2 | 1197 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 3 | 1197 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1335 | 5/19/94 | 32 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9 | 0.00643 | 0.02128 | 0.01923 | 0.03714 | 0.00878 | 0.03000 | 0.00463 | 0.01732 | 0.00373 | 0.00373 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26 | 0.00188 | 0.00623 | 0.01923 | 0.03714 | 0.00140 | 0.00479 | 0.00463 | 0.01732 | 0.00373 | 0.00373 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26 | 0.00200 | 0.00662 | 0.01923 | 0.03714 | 0.00175 | 0.00599 | 0.00463 | 0.01732 | 0.00373 | 0.00373 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26 | 0.00208 | 0.00687 | 0.01923 | 0.03714 | 0.00172 | 0.00587 | 0.00463 | 0.01732 | 0.00373 | 0.00373 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26 | 0.00364 | 0.01206 | 0.01923 | 0.03714 | 0.00371 | 0.01265 | 0.00463 | 0.01732 | 0.00373 | 0.00373 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26 | 0.00368 | 0.01218 | 0.01923 | 0.03714 | 0.00410 | 0.01399 | 0.00463 | 0.01732 | 0.00373 | 0.00373 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26 | 0.00207 | 0.00686 | 0.01923 | 0.03714 | 0.00239 | 0.00817 | 0.00463 | 0.01732 | 0.00373 | 0.00373 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9 | 0.01514 | 0.05012 | 0.01923 | 0.03714 | 0.01853 | 0.06327 | 0.01519 | 0.05681 | 0.00373 | 0.00373 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE | 423 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26 | 0.00347 | 0.01148 | 0.01923 | 0.03714 | 0.00280 | 0.00957 | 0.00463 | 0.01732 | 0.00373 | 0.00373 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26 | 0.00262 | 0.00868 | 0.01923 | 0.03714 | 0.00178 | 0.00609 | 0.00463 | 0.01732 | 0.00373 | 0.00373 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26 | 0.00825 | 0.02731 | 0.01923 | 0.03714 | 0.00361 | 0.01232 | 0.00463 | 0.01732 | 0.00373 | 0.00373 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | CHRQE | CHRQP | DBAQE | DBAQP | FLAQE | FLAQP | FLUQE | FLUQP | MNPQE | MNPQE |
|---------|--------------------------------|-------|----------|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26 | 0.00761 | 0.02518 | 0.01923 | 0.03714 | 0.01457 | 0.04975 | 0.00463 | 0.01732 | 0.00373 | 0.00373 |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26 | 0.01018 | 0.03369 | 0.01923 | 0.03714 | 0.02373 | 0.08102 | 0.01907 | 0.07135 | 0.00793 | 0.00793 |
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26 | 0.00429 | 0.01418 | 0.01923 | 0.03714 | 0.00359 | 0.01225 | 0.00463 | 0.01732 | 0.00373 | 0.00373 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9 | 0.00843 | 0.02790 | 0.04500 | 0.08692 | 0.00692 | 0.02364 | 0.00463 | 0.01732 | 0.00373 | 0.00373 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 1 | 1204 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 2 | 1205 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 3 | 1206 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80026.1 | Huntington Harbor- Lower | 91 | 9/15/92 | 4 | 0.01136 | 0.03759 | 0.02038 | 0.03937 | 0.01388 | 0.04740 | 0.00463 | 0.01732 | 0.00373 | 0.00373 |
| 80026.2 | Huntington Harbor- Lower | 92 | 9/15/92 | 4 | 0.01071 | 0.03546 | 0.02231 | 0.04309 | 0.01137 | 0.03883 | 0.01259 | 0.04711 | 0.00373 | 0.00373 |
| 80026.3 | Huntington Harbor- Lower | 93 | 9/15/92 | 4 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80027.1 | Huntington Harbor- Middle | 94 | 9/15/92 | 4 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80027.2 | Huntington Harbor- Middle | 95 | 9/15/92 | 4 | 0.03214 | 0.10639 | 0.09231 | 0.17829 | 0.02941 | 0.10043 | 0.00463 | 0.01732 | 0.01269 | 0.01269 |
| 80027.3 | Huntington Harbor- Middle | 96 | 9/15/92 | 4 | 0.03929 | 0.13003 | 0.09231 | 0.17829 | 0.03137 | 0.10713 | 0.01519 | 0.05681 | 0.01269 | 0.01269 |
| 80028.1 | Huntington Harbor- Upper | 97 | 9/15/92 | 4 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80028.2 | Huntington Harbor- Upper | 98 | 9/15/92 | 4 | 0.04643 | 0.15367 | 0.11923 | 0.23029 | 0.04510 | 0.15400 | 0.01259 | 0.04711 | 0.01791 | 0.01791 |
| 80028.3 | Huntington Harbor- Upper | 99 | 9/15/92 | 4 | 0.08571 | 0.28369 | 0.13077 | 0.25258 | 0.07647 | 0.26112 | 0.01574 | 0.05888 | 0.01940 | 0.01940 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29 | 0.05179 | 0.17140 | 0.17731 | 0.34247 | 0.07137 | 0.24372 | 0.02296 | 0.08590 | 0.03806 | 0.03806 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29 | 0.04857 | 0.16076 | 0.16731 | 0.32316 | 0.06294 | 0.21493 | 0.02259 | 0.08452 | 0.03940 | 0.03940 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29 | 0.04429 | 0.14658 | 0.23808 | 0.45985 | 0.06706 | 0.22899 | 0.01624 | 0.06076 | 0.02791 | 0.02791 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 1 | 1177 | 3/30/94 | 29 | 0.02136 | 0.07069 | 0.08308 | 0.16046 | 0.02255 | 0.07700 | 0.00463 | 0.01732 | 0.01160 | 0.01160 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 2 | 1178 | 3/30/94 | 29 | 0.01707 | 0.05650 | 0.10231 | 0.19761 | 0.02176 | 0.07432 | 0.00463 | 0.01732 | 0.00833 | 0.00833 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 3 | 1179 | 3/30/94 | 29 | 0.01861 | 0.06159 | 0.12731 | 0.24590 | 0.02686 | 0.09173 | 0.00463 | 0.01732 | 0.00948 | 0.00948 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9 | 0.01346 | 0.04456 | 0.02115 | 0.04086 | 0.01394 | 0.04761 | 0.00463 | 0.01732 | 0.00373 | 0.00373 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 1 | 1201 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 2 | 1202 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 3 | 1203 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82006.0 | HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9 | 0.03514 | 0.11631 | 0.08615 | 0.16641 | 0.02725 | 0.09307 | 0.00463 | 0.01732 | 0.01060 | 0.01060 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 8/30/94 | 34 | 0.01039 | 0.03440 | 0.03962 | 0.07652 | 0.00873 | 0.02979 | 0.00463 | 0.01732 | 0.00373 | 0.00373 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36 | 0.01018 | 0.03369 | 0.04308 | 0.08320 | 0.01033 | 0.03529 | 0.00463 | 0.01732 | 0.00373 | 0.00373 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36 | 0.00264 | 0.00874 | 0.01923 | 0.03714 | 0.00247 | 0.00844 | 0.00463 | 0.01732 | 0.00373 | 0.00373 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/11/94 | 34 | 0.01039 | 0.03440 | 0.03846 | 0.07429 | 0.01098 | 0.03749 | 0.00463 | 0.01732 | 0.00373 | 0.00373 |
| 85001.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45 | 0.00964 | 0.03192 | 0.02819 | 0.05445 | 0.00814 | 0.02779 | 0.00463 | 0.01732 | 0.00373 | 0.00373 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | CHRQE | CHRQP | DBAQE | DBAQP | FLAQE | FLAQP | FLUQE | FLUQP | MNP2QE |
|---------|--------------------------------|-------|---------|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 85001.0 | NEWPORT BAY (523) | 1788 | 8/20/97 | 54 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34 | 0.01093 | 0.03617 | 0.01923 | 0.03714 | 0.01014 | 0.03462 | 0.00463 | 0.01732 | 0.00373 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36 | 0.01796 | 0.05946 | 0.06423 | 0.12406 | 0.01208 | 0.04124 | 0.00463 | 0.01732 | 0.00373 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36 | 0.00771 | 0.02553 | 0.01923 | 0.03714 | 0.00486 | 0.01660 | 0.00463 | 0.01732 | 0.00373 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34 | 0.01321 | 0.04374 | 0.01923 | 0.03714 | 0.01196 | 0.04084 | 0.00463 | 0.01732 | 0.00373 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36 | 0.01207 | 0.03995 | 0.04654 | 0.08989 | 0.01100 | 0.03756 | 0.00463 | 0.01732 | 0.00373 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34 | 0.00989 | 0.03274 | 0.01923 | 0.03714 | 0.01039 | 0.03549 | 0.00463 | 0.01732 | 0.00373 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36 | 0.01975 | 0.06537 | 0.07846 | 0.15155 | 0.01422 | 0.04854 | 0.00463 | 0.01732 | 0.00373 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34 | 0.02125 | 0.07033 | 0.06731 | 0.13001 | 0.02059 | 0.07030 | 0.00463 | 0.01732 | 0.00876 |
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36 | 0.21429 | 0.70924 | 0.69615 | 1.34463 | 0.19353 | 0.66085 | 0.07407 | 0.27710 | 0.14269 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36 | 0.04464 | 0.14776 | 0.24577 | 0.47470 | 0.05294 | 0.18078 | 0.00463 | 0.01732 | 0.02388 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36 | 0.06571 | 0.21750 | 0.33423 | 0.64557 | 0.06471 | 0.22095 | 0.01259 | 0.04711 | 0.00878 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45 | 0.09429 | 0.31206 | 0.29500 | 0.56979 | 0.07784 | 0.26581 | 0.03741 | 0.13994 | 0.01321 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36 | 0.00338 | 0.01118 | 0.01923 | 0.03714 | 0.00345 | 0.01178 | 0.00463 | 0.01732 | 0.00373 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36 | 0.03929 | 0.13003 | 0.13615 | 0.26298 | 0.03549 | 0.12119 | 0.01309 | 0.04898 | 0.01425 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36 | 0.03714 | 0.12293 | 0.28192 | 0.54454 | 0.03588 | 0.12253 | 0.00463 | 0.01732 | 0.00373 |
| 86001.0 | SAN DIEGO CREEK- CAMPUS | 1789 | 8/20/97 | 54 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 86002.0 | SAN DIEGO CREEK- MACARTHUR | 1790 | 8/20/97 | 54 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 86003.0 | SANTA ANA/DELHI CHANNEL-BRIDGE | 1791 | 8/20/97 | 54 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 86004.0 | SANTA ANA/DELHI CHANNEL-OUTER | 1792 | 8/20/97 | 54 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | MNF2QP | NPHQE | NPHQP | PHNQE | PHNQP | PHNQP | PYRQE | PYRQP | LMWPAHQE |
|---------|--------------------------------|-------|----------|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 80025.1 | ANAHEIM BAY- OIL ISLAND | 88 | 10/14/92 | 5 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80025.2 | ANAHEIM BAY- OIL ISLAND | 89 | 10/14/92 | 5 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80025.3 | ANAHEIM BAY- OIL ISLAND | 90 | 10/14/92 | 5 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80024.1 | ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4 | 0.05614 | -9.00000 | -9.00000 | 0.16467 | 0.45444 | 0.11269 | 0.20965 | 0.17104 | -9.00000 |
| 80024.2 | ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80024.3 | ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4 | -0.04223 | -9.00000 | -9.00000 | 0.05000 | 0.13799 | 0.06538 | 0.12164 | 0.04649 | -9.00000 |
| 80024.3 | ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19 | -9.00000 | -9.00000 | -9.00000 | 0.02853 | 0.07874 | 0.04538 | 0.08443 | 0.03156 | -9.00000 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/31/94 | 29 | 0.04680 | 0.00538 | 0.02893 | 0.03780 | 0.10432 | 0.04500 | 0.08371 | 0.04157 | -9.00000 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/31/94 | 29 | 0.04834 | 0.00486 | 0.02611 | 0.15267 | 0.42132 | 0.06038 | 0.11234 | 0.15030 | -9.00000 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/31/94 | 29 | 0.13762 | 0.00474 | 0.02547 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 1 | 1044 | 2/2/94 | 25 | 0.03393 | 0.00340 | 0.01825 | 0.02587 | 0.07139 | 0.04038 | 0.07513 | 0.03051 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 2 | 1045 | 2/2/94 | 25 | 0.03562 | 0.00411 | 0.02209 | 0.02340 | 0.06458 | 0.03846 | 0.07155 | 0.02870 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 3 | 1046 | 2/2/94 | 25 | 0.04039 | 0.00412 | 0.02214 | 0.02587 | 0.07139 | 0.04192 | 0.07799 | 0.03306 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1195 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 1 | 1196 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 2 | 1197 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 3 | 430 | 12/10/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1335 | 5/19/94 | 32 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9 | 0.01242 | -9.00000 | -9.00000 | 0.00640 | 0.01766 | 0.01569 | 0.02919 | 0.01041 | -9.00000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26 | 0.01242 | 0.00119 | 0.00640 | 0.00167 | 0.00460 | 0.00256 | 0.00476 | 0.00949 | -9.00000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26 | 0.01242 | 0.00247 | 0.01326 | 0.00167 | 0.00460 | 0.00278 | 0.00518 | 0.01034 | -9.00000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26 | 0.01242 | 0.00119 | 0.00640 | 0.00167 | 0.00460 | 0.00313 | 0.00582 | 0.00949 | -9.00000 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26 | 0.01242 | 0.00119 | 0.00640 | 0.00167 | 0.00460 | 0.00665 | 0.01238 | 0.00949 | -9.00000 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26 | 0.01242 | 0.00119 | 0.00640 | 0.00349 | 0.00964 | 0.00704 | 0.01309 | 0.01036 | -9.00000 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26 | 0.01242 | 0.00119 | 0.00640 | 0.00167 | 0.00460 | 0.00392 | 0.00730 | 0.00949 | -9.00000 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9 | 0.01242 | -9.00000 | -9.00000 | 0.02620 | 0.07231 | 0.03188 | 0.05932 | 0.02677 | -9.00000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 423 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26 | 0.01242 | 0.00287 | 0.01544 | 0.00167 | 0.00460 | 0.00427 | 0.00794 | 0.01061 | -9.00000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26 | 0.01242 | 0.00119 | 0.00640 | 0.00167 | 0.00460 | 0.00347 | 0.00645 | 0.00949 | -9.00000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26 | 0.01242 | 0.00119 | 0.00640 | 0.00366 | 0.01010 | 0.00650 | 0.01209 | 0.01044 | -9.00000 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | MNP2QP | NPHQE | NPHQP | PHNQE | PHNQP | PYRQE | PYRQP | LMWPAHQE |
|---------|--------------------------------|-------|----------|-----|----------|----------|----------|----------|----------|----------|----------|----------|
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26 | 0.01242 | 0.00343 | 0.01846 | 0.02033 | 0.05611 | 0.02100 | 0.03907 | 0.02185 |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26 | 0.02638 | 0.00329 | 0.01769 | 0.03707 | 0.10229 | 0.03335 | 0.06203 | 0.04423 |
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26 | 0.01242 | 0.00119 | 0.00640 | 0.00473 | 0.01304 | 0.00712 | 0.01324 | 0.01095 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9 | 0.01242 | -9.00000 | -9.00000 | 0.00847 | 0.02337 | 0.01569 | 0.02919 | 0.01035 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 1 | 1204 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 2 | 1205 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 3 | 1206 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80026.1 | Huntington Harbor- Lower | 91 | 9/15/92 | 4 | 0.01242 | -9.00000 | -9.00000 | 0.01587 | 0.04379 | 0.02762 | 0.05137 | 0.01386 |
| 80026.2 | Huntington Harbor- Lower | 92 | 9/15/92 | 4 | 0.01242 | -9.00000 | -9.00000 | 0.01933 | 0.05335 | 0.02154 | 0.04007 | 0.01883 |
| 80026.3 | Huntington Harbor- Lower | 93 | 9/15/92 | 4 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80027.1 | Huntington Harbor- Middle | 94 | 9/15/92 | 4 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80027.2 | Huntington Harbor- Middle | 95 | 9/15/92 | 4 | 0.04223 | -9.00000 | -9.00000 | 0.03467 | 0.09567 | 0.06538 | 0.12164 | 0.03405 |
| 80027.3 | Huntington Harbor- Middle | 96 | 9/15/92 | 4 | 0.04223 | -9.00000 | -9.00000 | 0.04467 | 0.12327 | 0.06923 | 0.12879 | 0.03734 |
| 80028.1 | Huntington Harbor- Upper | 97 | 9/15/92 | 4 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 80028.2 | Huntington Harbor- Upper | 98 | 9/15/92 | 4 | 0.05962 | -9.00000 | -9.00000 | 0.06200 | 0.17110 | 0.10000 | 0.18603 | 0.04801 |
| 80028.3 | Huntington Harbor- Upper | 99 | 9/15/92 | 4 | 0.06459 | -9.00000 | -9.00000 | 0.09333 | 0.25758 | 0.15385 | 0.28620 | 0.07206 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29 | 0.12669 | 0.01195 | 0.06425 | 0.09933 | 0.27413 | 0.12769 | 0.23755 | 0.09250 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29 | 0.13116 | 0.01357 | 0.07296 | 0.08667 | 0.23918 | 0.11385 | 0.21179 | 0.08986 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29 | 0.09291 | 0.01014 | 0.05453 | 0.11067 | 0.30541 | 0.12115 | 0.22539 | 0.09147 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 1 | 1177 | 3/30/94 | 29 | 0.03860 | 0.00519 | 0.02790 | 0.02400 | 0.06623 | 0.04462 | 0.08300 | 0.02581 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 2 | 1178 | 3/30/94 | 29 | 0.02772 | 0.00355 | 0.01907 | 0.02527 | 0.06973 | 0.04346 | 0.08085 | 0.02644 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 3 | 1179 | 3/30/94 | 29 | 0.03155 | 0.00407 | 0.02189 | 0.03300 | 0.09107 | 0.05385 | 0.10017 | 0.03172 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9 | 0.01242 | -9.00000 | -9.00000 | 0.01547 | 0.04268 | 0.03308 | 0.06153 | 0.01367 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 1 | 1201 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 2 | 1202 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 3 | 1203 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 82006.0 | HUNTINGTON HARBOR-PETERS | 406 | 12/10/92 | 9 | 0.03527 | -9.00000 | -9.00000 | 0.03427 | 0.09457 | 0.06154 | 0.11448 | 0.02661 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 8/30/94 | 34 | 0.01242 | 0.00119 | 0.00640 | 0.01073 | 0.02962 | 0.01835 | 0.03413 | 0.01380 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36 | 0.01242 | 0.00119 | 0.00640 | 0.01087 | 0.02999 | 0.02273 | 0.04229 | 0.01386 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36 | 0.01242 | 0.00119 | 0.00640 | 0.01167 | 0.00460 | 0.00396 | 0.00737 | 0.00949 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34 | 0.01242 | 0.00119 | 0.00640 | 0.01147 | 0.03164 | 0.02254 | 0.04193 | 0.01415 |
| 85001.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45 | 0.01242 | 0.00119 | 0.00640 | 0.01067 | 0.02944 | 0.01723 | 0.03205 | 0.01377 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | MNF2QP | NPHQE | NPHQP | PHNQE | PHNQP | PYRQE | PYRQP | LMWPAHQE |
|---------|--------------------------------|-------|---------|-----|----------|----------|----------|----------|----------|----------|----------|----------|
| 85001.0 | NEWPORT BAY (523) | 1788 | 8/20/97 | 54 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34 | 0.01242 | 0.00119 | 0.00640 | 0.01053 | 0.02907 | 0.02115 | 0.03935 | 0.01370 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36 | 0.01242 | 0.00119 | 0.00640 | 0.01173 | 0.03238 | 0.02365 | 0.04400 | 0.01514 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36 | 0.01242 | 0.00119 | 0.00640 | 0.00441 | 0.01218 | 0.01008 | 0.01875 | 0.01080 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34 | 0.01242 | 0.00119 | 0.00640 | 0.01440 | 0.03974 | 0.02300 | 0.04279 | 0.01554 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36 | 0.01242 | 0.00119 | 0.00640 | 0.01467 | 0.04048 | 0.02392 | 0.04450 | 0.01733 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34 | 0.01242 | 0.00119 | 0.00640 | 0.01033 | 0.02852 | 0.02235 | 0.04157 | 0.01361 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36 | 0.01242 | 0.00119 | 0.00640 | 0.01653 | 0.04563 | 0.02885 | 0.05366 | 0.01655 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34 | 0.02916 | 0.00254 | 0.01367 | 0.02653 | 0.07323 | 0.04308 | 0.08014 | 0.02582 |
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36 | 0.47496 | 0.02038 | 0.10956 | 0.31600 | 0.87208 | 0.38115 | 0.70907 | 0.30407 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36 | 0.07949 | 0.01133 | 0.06093 | 0.05867 | 0.16190 | 0.12115 | 0.22539 | 0.06113 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36 | 0.02921 | 0.00614 | 0.03302 | 0.07067 | 0.19502 | 0.11538 | 0.21465 | 0.06615 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45 | 0.04397 | 0.00914 | 0.04915 | 0.14933 | 0.41212 | 0.17000 | 0.31626 | 0.13558 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36 | 0.01242 | 0.00119 | 0.00640 | 0.00405 | 0.01117 | 0.00646 | 0.01202 | 0.01062 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36 | 0.04745 | 0.00752 | 0.04045 | 0.03673 | 0.10137 | 0.06846 | 0.12736 | 0.03765 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36 | 0.01242 | 0.00119 | 0.00640 | 0.04927 | 0.13596 | 0.06154 | 0.11448 | 0.04180 |
| 86001.0 | SAN DIEGO CREEK- CAMPUS | 1789 | 8/20/97 | 54 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 86002.0 | SAN DIEGO CREEK- MACARTHUR | 1790 | 8/20/97 | 54 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 86003.0 | SANTA ANA/DELHI CHANNEL-BRIDGE | 1791 | 8/20/97 | 54 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |
| 86004.0 | SANTA ANA/DELHI CHANNEL-OUTER | 1792 | 8/20/97 | 54 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | LMWPAHQP | HMWPAHQE | HMWPAHQP | TTLPAHQE | TTLPAHQP | ERMQ | PELO |
|---------|--------------------------------|-------|----------|-----|----------|----------|----------|----------|----------|--------|--------|
| 80025.1 | ANAHEIM BAY- OIL ISLAND | 88 | 10/14/92 | 5 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 80025.2 | ANAHEIM BAY- OIL ISLAND | 89 | 10/14/92 | 5 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 80025.3 | ANAHEIM BAY- OIL ISLAND | 90 | 10/14/92 | 5 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 80024.1 | ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4 | 0.37483 | 0.14458 | 0.20790 | 0.04305 | 0.11499 | 0.101 | 0.183 |
| 80024.2 | ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 80024.3 | ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4 | 0.10187 | 0.09375 | 0.13481 | 0.02337 | 0.06243 | 0.141 | 0.210 |
| 80024.3 | ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/31/94 | 29 | 0.06916 | 0.07892 | 0.11348 | 0.01914 | 0.05112 | 0.210 | 0.301 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/31/94 | 29 | 0.09110 | 0.08452 | 0.12154 | 0.02105 | 0.05622 | 0.206 | 0.298 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/31/94 | 29 | 0.32937 | 0.10261 | 0.14756 | 0.03260 | 0.08706 | 0.194 | 0.302 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 1 | 1044 | 2/2/94 | 25 | 0.06685 | 0.07698 | 0.11069 | 0.01865 | 0.04981 | 0.182 | 0.273 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 2 | 1045 | 2/2/94 | 25 | 0.06290 | 0.07147 | 0.10277 | 0.01734 | 0.04632 | 0.183 | 0.273 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 3 | 1046 | 2/2/94 | 25 | 0.07244 | 0.08034 | 0.11553 | 0.01955 | 0.05222 | 0.597 | 0.827 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 1 | 1195 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 2 | 1196 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 3 | 1197 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1335 | 5/19/94 | 32 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9 | 0.02282 | 0.01702 | 0.02448 | 0.00438 | 0.01171 | 0.073 | 0.116 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26 | 0.02080 | 0.00610 | 0.00878 | 0.00198 | 0.00528 | 0.108 | 0.158 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26 | 0.02266 | 0.00607 | 0.00873 | 0.00203 | 0.00542 | 0.090 | 0.136 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26 | 0.02080 | 0.00672 | 0.00966 | 0.00211 | 0.00563 | 0.099 | 0.152 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26 | 0.02080 | 0.01235 | 0.01776 | 0.00332 | 0.00886 | 0.082 | 0.133 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26 | 0.02270 | 0.01176 | 0.01690 | 0.00325 | 0.00868 | 0.078 | 0.109 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26 | 0.02080 | 0.00684 | 0.00983 | 0.00213 | 0.00570 | 0.101 | 0.140 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9 | 0.05867 | 0.03314 | 0.04765 | 0.00899 | 0.02401 | 0.078 | 0.113 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 423 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 1 | 771 | 4/22/93 | 17 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 2 | 1092 | 2/16/94 | 26 | 0.02325 | 0.00802 | 0.01153 | 0.00247 | 0.00659 | 0.107 | 0.154 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1093 | 2/16/94 | 26 | 0.02080 | 0.00722 | 0.01038 | 0.00222 | 0.00592 | 0.117 | 0.189 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26 | 0.02288 | 0.01445 | 0.02078 | 0.00383 | 0.01024 | 0.131 | 0.197 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | LMWPAHQ | HMWPAHQ | HMWPAHQE | HMWPAHQP | TTLPAHQ | TTLPAHQE | TTLPAHQP | ERMQ | PELQ |
|---------|--------------------------------|-------|----------|-----|----------|----------|----------|----------|----------|----------|----------|--------|--------|
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26 | 0.04788 | 0.02675 | 0.02675 | 0.03846 | 0.00727 | 0.00727 | 0.01943 | 0.086 | 0.125 |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26 | 0.09693 | 0.03882 | 0.03882 | 0.05583 | 0.01144 | 0.01144 | 0.03056 | 0.094 | 0.144 |
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26 | 0.02399 | 0.01237 | 0.01237 | 0.01779 | 0.00342 | 0.00342 | 0.00914 | 0.089 | 0.137 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9 | 0.02268 | 0.02817 | 0.02817 | 0.04050 | 0.00677 | 0.00677 | 0.01807 | 0.146 | 0.183 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 1 | 1204 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 2 | 1205 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 3 | 1206 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 80026.1 | Huntington Harbor- Lower | 91 | 9/15/92 | 4 | 0.03037 | 0.02833 | 0.02833 | 0.04074 | 0.00705 | 0.00705 | 0.01883 | 0.117 | 0.196 |
| 80026.2 | Huntington Harbor- Lower | 92 | 9/15/92 | 4 | 0.04126 | 0.02414 | 0.02414 | 0.03471 | 0.00650 | 0.00650 | 0.01736 | 0.076 | 0.114 |
| 80026.3 | Huntington Harbor- Lower | 93 | 9/15/92 | 4 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 80027.1 | Huntington Harbor- Middle | 94 | 9/15/92 | 4 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 80027.2 | Huntington Harbor- Middle | 95 | 9/15/92 | 4 | 0.07462 | 0.07438 | 0.07438 | 0.10695 | 0.01834 | 0.01834 | 0.04899 | 0.261 | 0.394 |
| 80027.3 | Huntington Harbor- Middle | 96 | 9/15/92 | 4 | 0.08183 | 0.07854 | 0.07854 | 0.11294 | 0.01947 | 0.01947 | 0.05200 | 0.250 | 0.377 |
| 80028.1 | Huntington Harbor- Upper | 97 | 9/15/92 | 4 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 80028.2 | Huntington Harbor- Upper | 98 | 9/15/92 | 4 | 0.10520 | 0.10531 | 0.10531 | 0.15143 | 0.02596 | 0.02596 | 0.06933 | 0.356 | 0.522 |
| 80028.3 | Huntington Harbor- Upper | 99 | 9/15/92 | 4 | 0.15791 | 0.16740 | 0.16740 | 0.24071 | 0.04096 | 0.04096 | 0.10940 | 0.352 | 0.521 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29 | 0.20270 | 0.22159 | 0.22159 | 0.31864 | 0.05402 | 0.05402 | 0.14428 | 0.654 | 0.940 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29 | 0.19691 | 0.20434 | 0.20434 | 0.29384 | 0.05014 | 0.05014 | 0.13390 | 0.626 | 0.903 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29 | 0.20045 | 0.22914 | 0.22914 | 0.32949 | 0.05556 | 0.05556 | 0.14840 | 0.582 | 0.846 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 1 | 1177 | 3/30/94 | 29 | 0.05655 | 0.09376 | 0.09376 | 0.13482 | 0.02192 | 0.02192 | 0.05853 | 0.309 | 0.463 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 2 | 1178 | 3/30/94 | 29 | 0.05795 | 0.09726 | 0.09726 | 0.13986 | 0.02271 | 0.02271 | 0.06066 | 0.296 | 0.447 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 3 | 1179 | 3/30/94 | 29 | 0.06952 | 0.11692 | 0.11692 | 0.16812 | 0.02730 | 0.02730 | 0.07290 | 0.332 | 0.495 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9 | 0.02996 | 0.03249 | 0.03249 | 0.04672 | 0.00793 | 0.00793 | 0.02117 | 0.163 | 0.241 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 1 | 1201 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 2 | 1202 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 3 | 1203 | 4/12/94 | 30 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 82006.0 | HUNTINGTON HARBOR-PETERS | 406 | 12/10/92 | 9 | 0.05832 | 0.07333 | 0.07333 | 0.10545 | 0.01759 | 0.01759 | 0.04699 | 0.296 | 0.441 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 8/30/94 | 34 | 0.03024 | 0.04866 | 0.04866 | 0.06997 | 0.01140 | 0.01140 | 0.03045 | 0.318 | 0.426 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36 | 0.03037 | 0.05106 | 0.05106 | 0.07343 | 0.01192 | 0.01192 | 0.03184 | 0.212 | 0.316 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36 | 0.02080 | 0.00800 | 0.00800 | 0.01150 | 0.00238 | 0.00238 | 0.00637 | 0.070 | 0.100 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34 | 0.03100 | 0.04722 | 0.04722 | 0.06790 | 0.01112 | 0.01112 | 0.02969 | 0.180 | 0.283 |
| 85001.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45 | 0.03017 | 0.03415 | 0.03415 | 0.04910 | 0.00829 | 0.00829 | 0.02214 | 0.089 | 0.144 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | LMWPAHQ | HMWPAHQ | HMWPAHQE | HMWPAHQ | TTLPAHQE | TTLPAHQ | ERMQ | PELQ |
|---------|--------------------------------|-------|---------|-----|----------|----------|----------|----------|----------|----------|--------|--------|
| 85001.0 | NEWPORT BAY (523) | 1788 | 8/20/97 | 54 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34 | 0.03003 | 0.04530 | 0.06514 | 0.06514 | 0.01068 | 0.02851 | 0.239 | 0.340 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36 | 0.03318 | 0.05426 | 0.07802 | 0.07802 | 0.01270 | 0.03391 | 0.175 | 0.267 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36 | 0.02366 | 0.02153 | 0.03096 | 0.03096 | 0.00538 | 0.01436 | 0.131 | 0.209 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34 | 0.03405 | 0.04791 | 0.06889 | 0.06889 | 0.01136 | 0.03035 | 0.147 | 0.212 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36 | 0.03797 | 0.05551 | 0.07982 | 0.07982 | 0.01312 | 0.03504 | 0.216 | 0.329 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34 | 0.02982 | 0.04246 | 0.06105 | 0.06105 | 0.01006 | 0.02687 | 0.198 | 0.290 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36 | 0.03627 | 0.06465 | 0.09296 | 0.09296 | 0.01502 | 0.04012 | 0.200 | 0.295 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34 | 0.05658 | 0.09256 | 0.13310 | 0.13310 | 0.02166 | 0.05785 | 0.244 | 0.359 |
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36 | 0.66633 | 0.67354 | 0.96852 | 0.96852 | 0.16581 | 0.44285 | 0.668 | 0.972 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36 | 0.13395 | 0.29815 | 0.42872 | 0.42872 | 0.06821 | 0.18219 | 0.733 | 1.039 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36 | 0.14497 | 0.26348 | 0.37887 | 0.37887 | 0.06114 | 0.16329 | 1.270 | 1.684 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45 | 0.29712 | 0.34492 | 0.49598 | 0.49598 | 0.08349 | 0.22299 | 1.124 | 1.482 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36 | 0.02328 | 0.01315 | 0.01891 | 0.01891 | 0.00357 | 0.00953 | 0.093 | 0.152 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36 | 0.08250 | 0.12824 | 0.18440 | 0.18440 | 0.03014 | 0.08050 | 0.256 | 0.373 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36 | 0.09161 | 0.12813 | 0.18424 | 0.18424 | 0.03041 | 0.08122 | 0.163 | 0.247 |
| 86001.0 | SAN DIEGO CREEK - CAMPUS | 1789 | 8/20/97 | 54 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 86002.0 | SAN DIEGO CREEK - MACARTHUR | 1790 | 8/20/97 | 54 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 86003.0 | SANTA ANA/DELHI CHANNEL-BRIDGE | 1791 | 8/20/97 | 54 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |
| 86004.0 | SANTA ANA/DELHI CHANNEL-OUTER | 1792 | 8/20/97 | 54 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.00000 | -9.000 | -9.000 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | ERMEXCDS | PELEXCDS |
|---------|--------------------------------|-------|----------|-----|----------|----------|
| 80025.1 | ANAHEIM BAY- OIL ISLAND | 88 | 10/14/92 | 5 | | -9 |
| 80025.2 | ANAHEIM BAY- OIL ISLAND | 89 | 10/14/92 | 5 | | -9 |
| 80025.3 | ANAHEIM BAY- OIL ISLAND | 90 | 10/14/92 | 5 | | -9 |
| 80024.1 | ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4 | 0 | 0 |
| 80024.2 | ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4 | | -9 |
| 80024.3 | ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4 | 0 | 0 |
| 80024.3 | ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19 | | -9 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/31/94 | 29 | 2 | 2 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/31/94 | 29 | 2 | 1 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/31/94 | 29 | 2 | 2 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9 | | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 1 | 1044 | 2/2/94 | 25 | 2 | 2 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 2 | 1045 | 2/2/94 | 25 | 2 | 1 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 3 | 1046 | 2/2/94 | 25 | 2 | 2 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 1 | 1195 | 4/12/94 | 30 | | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 2 | 1196 | 4/12/94 | 30 | | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 3 | 1197 | 4/12/94 | 30 | | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9 | | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17 | | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1335 | 5/19/94 | 32 | | -9 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9 | 0 | 0 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9 | | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19 | | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26 | 0 | 0 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26 | 0 | 0 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26 | 0 | 0 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26 | 0 | 0 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26 | 0 | 0 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26 | 0 | 0 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9 | | -9 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9 | 0 | 0 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE | 423 | 12/11/92 | 9 | | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17 | | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26 | 0 | 0 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26 | 0 | 0 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26 | 0 | 0 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9 | | -9 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9 | | -9 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | ERMEX | CDS | PELEX | CDS |
|---------|--------------------------------|-------|----------|-----|-------|-----|-------|-----|
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17 | | | | -9 |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26 | 0 | 0 | 0 | 0 |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26 | 0 | 0 | 0 | 0 |
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26 | 0 | 0 | 0 | 0 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9 | | | | -9 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9 | | | | -9 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17 | | | | -9 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9 | 0 | 0 | 0 | 0 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 1 | 1204 | 4/12/94 | 30 | | | | -9 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 2 | 1205 | 4/12/94 | 30 | | | | -9 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 3 | 1206 | 4/12/94 | 30 | | | | -9 |
| 80026.1 | Huntington Harbor- Lower | 91 | 9/15/92 | 4 | 0 | 0 | 0 | 0 |
| 80026.2 | Huntington Harbor- Lower | 92 | 9/15/92 | 4 | 0 | 0 | 0 | 0 |
| 80026.3 | Huntington Harbor- Lower | 93 | 9/15/92 | 4 | | | | -9 |
| 80027.1 | Huntington Harbor- Middle | 94 | 9/15/92 | 4 | | | | -9 |
| 80027.2 | Huntington Harbor- Middle | 95 | 9/15/92 | 4 | 2 | 1 | 1 | 1 |
| 80027.3 | Huntington Harbor- Middle | 96 | 9/15/92 | 4 | 2 | 2 | 2 | 2 |
| 80028.1 | Huntington Harbor- Upper | 97 | 9/15/92 | 4 | | | | -9 |
| 80028.2 | Huntington Harbor- Upper | 98 | 9/15/92 | 4 | 2 | 1 | 1 | 1 |
| 80028.3 | Huntington Harbor- Upper | 99 | 9/15/92 | 4 | 2 | 1 | 1 | 1 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29 | 2 | 3 | 3 | 3 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29 | 2 | 3 | 3 | 3 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29 | 2 | 3 | 3 | 3 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 1 | 1177 | 3/30/94 | 29 | 2 | 2 | 2 | 2 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 2 | 1178 | 3/30/94 | 29 | 2 | 2 | 2 | 2 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 3 | 1179 | 3/30/94 | 29 | 2 | 2 | 2 | 2 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9 | | | | -9 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19 | | | | -9 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9 | 1 | 0 | 0 | 0 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 1 | 1201 | 4/12/94 | 30 | | | | -9 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 2 | 1202 | 4/12/94 | 30 | | | | -9 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 3 | 1203 | 4/12/94 | 30 | | | | -9 |
| 82006.0 | HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9 | 2 | 2 | 2 | 2 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 8/30/94 | 34 | 2 | 2 | 2 | 1 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36 | 2 | 2 | 2 | 1 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36 | 0 | 0 | 0 | 1 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34 | 1 | 1 | 1 | 1 |
| 85001.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45 | 0 | 0 | 0 | 0 |

Chemistry Summations and Quotients

| STANUM | STATION | IDORG | DATE | LEG | ERMEXCDS | PELEXCDS |
|---------|--------------------------------|-------|---------|-----|----------|----------|
| 85001.0 | NEWPORT BAY (523) | 1788 | 8/20/97 | 54 | | -9 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34 | 2 | 1 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36 | 2 | 1 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36 | 1 | 0 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34 | 1 | 0 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36 | 1 | 1 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34 | 1 | 0 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36 | 2 | 1 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34 | 1 | 0 |
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36 | 2 | 5 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36 | 5 | 5 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36 | 4 | 5 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45 | 4 | 4 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36 | 0 | 0 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36 | 2 | 1 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36 | 0 | 0 |
| 86001.0 | SAN DIEGO CREEK- CAMPUS | 1789 | 8/20/97 | 54 | | -9 |
| 86002.0 | SAN DIEGO CREEK- MACARTHUR | 1790 | 8/20/97 | 54 | | -9 |
| 86003.0 | SANTA ANA/DELHI CHANNEL-BRIDGE | 1791 | 8/20/97 | 54 | | -9 |
| 86004.0 | SANTA ANA/DELHI CHANNEL-OUTER | 1792 | 8/20/97 | 54 | | -9 |

Section 8

Fish Tissue Chemistry

Fish Tissue Chemistry

| STANUM | STATION | IDORG | DATE | LEG | TISS_TYPE | NO_IN_COMP | TMMOIST | ALUMINUM | ANTIMONY |
|----------|---------------------------|----------|---------|---------|---------------|------------|------------|----------|----------|
| 82017.0 | RHINE CHANNEL- NEWPORT | 285.0 | 10/6/92 | -9.0 | FISH-TOPSMELT | 15 | 74.46 | -9.00 | -9.000 |
| ARSENIC | CADMIUM | CHROMIUM | COPPER | IRON | LEAD | MANGANESE | MERCURY | NICKEL | SILVER |
| -9.000 | -9.0000 | -9.000 | -9.00 | -9.0 | -9.000 | -9.00 | 0.0040 | -9.000 | -9.0000 |
| SELENIUM | TIN | ZINC | ASBATCH | SEBATCH | TMBATCH | TMDATAQC | SOWEIGHT | SOMOIST | SOLIDP |
| -9.000 | -9.0000 | -9.0000 | -9.0 | -9.0 | -9.0 | -4 | 2.81 | 74.46 | 1.14 |
| ALDRIN | CCHLOR | TCHLOR | ACDEN | GCDEN | TTL_CHLR | CLPYR | DACTH | OPDDD | PPDDD |
| -8.000 | 0.293 | 0.089 | -8.000 | -8.000 | 1.566 | -8.00 | -8.000 | 0.30 | 1.890 |
| OPDDE | PPDDE | PPDDMS | PPDDMU | OPDDT | PPDDT | TTL_DDT | DICLB | DIELDRIN | ENDO_I |
| -8.00 | 26.40 | -8.00 | 1.35 | -8.00 | 0.69 | 29.98 | -8.00 | -8.000 | -8.000 |
| ENDO_II | ESO4 | ENDRIN | HCHA | HCHB | HCHG | HCHD | HEPTACHLOR | HE | HCB |
| -8.00 | -8.00 | -8.00 | -8.000 | -8.00 | -8.000 | -8.000 | -8.000 | -8.000 | -8.000 |
| METHOXY | MIREX | CNONA | TNONA | OXAD | OXDAN | TOXAPH | PESBATCH | PCB5 | PCB8 |
| -8.00 | -8.000 | 0.380 | 0.656 | -9.00 | 0.148 | -8.00 | 73.70 | -9.000 | -8.000 |
| PCB15 | PCB18 | PCB27 | PCB28 | PCB29 | PCB31 | PCB44 | PCB49 | PCB52 | PCB66 |
| -9.000 | -8.000 | -9.000 | 0.723 | -9.000 | -9.000 | 0.179 | -9.000 | 1.020 | 1.020 |
| PCB70 | PCB74 | PCB87 | PCB95 | PCB97 | PCB99 | PCB101 | PCB105 | PCB110 | PCB118 |
| -9.000 | -9.000 | 0.138 | -9.000 | -9.000 | -9.000 | 1.460 | 0.162 | -9.000 | 1.410 |
| PCB128 | PCB132 | PCB137 | PCB138 | PCB149 | PCB151 | PCB153 | PCB156 | PCB157 | PCB158 |
| 0.070 | -9.000 | -9.000 | 1.490 | -9.000 | -9.000 | 1.880 | -9.000 | -9.000 | -9.000 |
| PCB170 | PCB174 | PCB177 | PCB180 | PCB183 | PCB187 | PCB189 | PCB194 | PCB195 | PCB201 |
| 0.193 | -9.000 | -9.000 | 0.558 | -9.000 | 0.617 | -9.000 | -9.000 | -8.000 | -9.000 |
| PCB203 | PCB206 | PCB209 | PCBATCH | ARO5460 | ARO1248 | ARO1254 | ARO1260 | TTL_PCB | ACY |
| -9.000 | -8.000 | -8.000 | 73.70 | -9.000 | -9.000 | -9.000 | -9.000 | 22.564 | -8.00 |

Fish Tissue Chemistry

| STANUM | STATION | IDORG | DATE | LEG | ACE | ANT | BAA | BAP | ANTIMONY |
|---------------|---------|----------|----------|-------|-------|-------|-------|-------|----------|
| RHINE CHANNEL | | | | | | | | | |
| 82017.0 | NEWPORT | 285.0 | 10/6/92 | -9.0 | -8.00 | -8.00 | -8.00 | -8.00 | -9.000 |
| BBF | BKF | BGP | BEP | BPH | CHR | COR | DBA | DET | DMN |
| -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -9.00 | -8.00 | -9.00 | -8.00 |
| FLA | FLU | IND | MNPI | MNP2 | MPHI | NPH | PHN | PER | PYR |
| -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 | -8.00 |
| TMN | TRY | PAHBATCH | SODATAQA | | | | | | |
| -8.00 | -9.00 | 73.70 | -5 | | | | | | |

Appendix D

Sediment Grain Size and Total Organic Carbon Analyses

Grain Size and Total Organic Carbon Analyses

| STANUM STATION | IDORG | DATE | LEG | FINES | FINEBATCH | FINEDATAQC | COARSE SAND | FINESAND | COARSE SILT | FINESILT |
|---------------------------------------|-------|----------|------|-------|-----------|------------|-------------|----------|-------------|----------|
| 80024.1 ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4.0 | 31.00 | 4 | -9 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80024.2 ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4.0 | 73.00 | 4 | -9 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80024.3 ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4.0 | 64.79 | 4 | -9 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80026.1 HUNTINGTON HARBOR- LOWER | 91 | 9/15/92 | 4.0 | 27.00 | 4 | -9 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80026.2 HUNTINGTON HARBOR- LOWER | 92 | 9/15/92 | 4.0 | 9.79 | 4 | -9 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80026.3 HUNTINGTON HARBOR- LOWER | 93 | 9/15/92 | 4.0 | 44.00 | 4 | -9 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80027.1 HUNTINGTON HARBOR- MIDDLE | 94 | 9/15/92 | 4.0 | 79.00 | 4 | -9 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80027.2 HUNTINGTON HARBOR- MIDDLE | 95 | 9/15/92 | 4.0 | 88.96 | 4 | -9 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80027.3 HUNTINGTON HARBOR- MIDDLE | 96 | 9/15/92 | 4.0 | 80.77 | 4 | -9 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80028.1 HUNTINGTON HARBOR- UPPER | 97 | 9/15/92 | 4.0 | 42.00 | 4 | -9 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80028.2 HUNTINGTON HARBOR- UPPER | 98 | 9/15/92 | 4.0 | 59.94 | 4 | -9 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80028.3 HUNTINGTON HARBOR- UPPER | 99 | 9/15/92 | 4.0 | 68.40 | 4 | -9 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80025.1 ANAHEIM BAY- OIL ISLAND | 88 | 10/14/92 | 5.0 | 48.00 | 5 | -9 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80025.2 ANAHEIM BAY- OIL ISLAND | 89 | 10/14/92 | 5.0 | 52.00 | 5 | -9 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80025.3 ANAHEIM BAY- OIL ISLAND | 90 | 10/14/92 | 5.0 | 56.00 | 5 | -9 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82001.0 ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9.0 | 46.00 | 9 | -3 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82002.0 ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9.0 | 73.00 | 9 | -3 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82003.0 ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9.0 | 19.00 | 9 | -3 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82004.0 ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9.0 | 22.00 | 9 | -3 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82005.0 HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9.0 | 66.00 | 9 | -3 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82006.0 HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9.0 | 90.00 | 9 | -3 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82009.0 HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9.0 | 86.00 | 9 | -3 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82020.0 SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9.0 | 52.00 | 9 | -3 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82021.0 SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9.0 | 28.00 | 9 | -3 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82022.0 SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9.0 | 61.00 | 9 | -3 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82023.0 SEAL BEACH NWR-BOLSA AVE | 423 | 12/11/92 | 9.0 | 99.00 | 9 | -3 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82024.0 BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9.0 | 37.00 | 9 | -3 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82030.0 ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9.0 | 42.00 | 9 | -3 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82039.0 BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9.0 | 59.00 | 9 | -3 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82040.0 SEAL BEACH NWR | 440 | 12/11/92 | 9.0 | 56.00 | 9 | -3 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82020.0 SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17.0 | 72.00 | 17 | -3 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82024.0 BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17.0 | 45.00 | 17 | -3 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82023.0 SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17.0 | 81.00 | 17 | -3 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82030.0 ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17.0 | 27.00 | 17 | -3 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80024.3 ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19.0 | 70.33 | 19 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82009.0 HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19.0 | 91.41 | 19 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82002.0 ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19.0 | 67.90 | 19 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82030.0 ANAHEIM BAY-NAVAL RES.- REP 1 | 1044 | 2/2/94 | 25.0 | 71.25 | 25 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |

Grain Size and Total Organic Carbon Analyses

| STANUM | STATION | IDORG | DATE | LEG | FINES | FINERATCH | FINEDATAQC | COARSE SAND | FINESAND | COARSE SILT | FINESILT |
|---------|---------------------------------|-------|---------|------|-------|-----------|------------|-------------|----------|-------------|----------|
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 2 | 1045 | 2/2/94 | 25.0 | 71.84 | 25 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 3 | 1046 | 2/2/94 | 25.0 | 79.00 | 25 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26.0 | 33.51 | 26 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26.0 | 28.56 | 26 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26.0 | 26.66 | 26 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26.0 | 71.91 | 26 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26.0 | 66.25 | 26 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26.0 | 71.90 | 26 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26.0 | 82.95 | 26 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26.0 | 87.84 | 26 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26.0 | 87.68 | 26 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26.0 | 37.33 | 26 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26.0 | 53.22 | 26 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26.0 | 49.63 | 26 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/31/94 | 29.0 | 78.29 | 29 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/31/94 | 29.0 | 75.21 | 29 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/31/94 | 29.0 | 78.41 | 29 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29.0 | 74.92 | 29 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29.0 | 71.15 | 29 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29.0 | 76.80 | 29 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80027.3 | HUNTINGTON HARBOR, MIDDLE-REP 1 | 1177 | 3/30/94 | 29.0 | 89.02 | 29 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80027.3 | HUNTINGTON HARBOR, MIDDLE-REP 2 | 1178 | 3/30/94 | 29.0 | 78.49 | 29 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 80027.3 | HUNTINGTON HARBOR, MIDDLE-REP 3 | 1179 | 3/30/94 | 29.0 | 82.05 | 29 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 1 | 1195 | 4/12/94 | 30.0 | 42.95 | 30 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 2 | 1196 | 4/12/94 | 30.0 | 92.45 | 30 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 3 | 1197 | 4/12/94 | 30.0 | 91.11 | 30 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 1 | 1201 | 4/12/94 | 30.0 | 71.82 | 30 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 2 | 1202 | 4/12/94 | 30.0 | 73.24 | 30 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 3 | 1203 | 4/12/94 | 30.0 | 80.07 | 30 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 1 | 1204 | 4/12/94 | 30.0 | 53.62 | 30 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 2 | 1205 | 4/12/94 | 30.0 | 68.70 | 30 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 3 | 1206 | 4/12/94 | 30.0 | 63.30 | 30 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1335 | 5/19/94 | 32.0 | 76.02 | 32 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34.0 | 81.41 | 34 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34.0 | 64.00 | 34 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34.0 | 32.80 | 34 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34.0 | 67.50 | 34 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34.0 | 97.38 | 34 | -4 | -9.00 | -9.00 | -9.00 | -9.00 |

Grain Size and Total Organic Carbon Analyses

| STANUM | STATION | IDORG | DATE | LEG | FINES | FINEBATCH | FINEBATCH | FINEDATAQC | COARSAND | FINESAND | COARSESILT | FINESILT |
|---------|--------------------------------|-------|---------|------|-------|-----------|-----------|------------|----------|----------|------------|----------|
| 85006.0 | NEWPORT BAY (1009) | 1392 | 8/30/94 | 34.0 | 54.66 | 34 | | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36.0 | 16.10 | 36 | | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36.0 | 65.50 | 36 | | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36.0 | 47.67 | 36 | | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36.0 | 98.58 | 36 | | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36.0 | 95.04 | 36 | | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36.0 | 98.83 | 36 | | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36.0 | 64.72 | 36 | | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36.0 | 85.40 | 36 | | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36.0 | 44.22 | 36 | | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36.0 | 27.79 | 36 | | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36.0 | 62.46 | 36 | | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36.0 | 29.34 | 36 | | -4 | -9.00 | -9.00 | -9.00 | -9.00 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45.0 | 72.02 | B96222 | | -4 | 2.05 | 25.92 | 1.69 | 48.64 |
| 85001.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45.0 | 60.82 | B96222 | | -4 | 0.00 | 39.18 | 9.61 | 30.68 |
| 85001.0 | NEWPORT BAY (523) | 1788 | 8/20/97 | 54.0 | 52.63 | B97337 | | -4 | 1.40 | 45.96 | 11.65 | 29.20 |
| 86001.0 | SAN DIEGO CREEK- CAMPUS | 1789 | 8/20/97 | 54.0 | 16.91 | B97337 | | -4 | 5.95 | 77.13 | 4.97 | 9.80 |
| 86002.0 | SAN DIEGO CREEK- MACARTHUR | 1790 | 8/20/97 | 54.0 | 44.56 | B97337 | | -4 | 0.00 | 55.44 | 12.06 | 23.00 |
| 86003.0 | SANTA ANA/DELHI CHANNEL-BRIDGE | 1791 | 8/20/97 | 54.0 | 69.48 | B97337 | | -4 | 8.52 | 22.00 | 11.22 | 44.37 |
| 86004.0 | SANTA ANA/DELHI CHANNEL-OUTER | 1792 | 8/20/97 | 54.0 | 54.98 | B97337 | | -4 | 13.93 | 31.09 | 5.12 | 36.03 |

Grain Size and Total Organic Carbon Analyses

| STANUM | STATION | IDORG | DATE | LEG | CLAY | EXPANDEDQC | TOC | TOCBATCH | TOCDATAQC | DOC |
|---------|-------------------------------|-------|----------|------|-------|------------|------|----------|-----------|-----|
| 80024.1 | ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4.0 | -9.00 | -9 | 0.29 | 4 | -9 | -9 |
| 80024.2 | ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4.0 | -9.00 | -9 | 0.60 | 4 | -9 | -9 |
| 80024.3 | ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4.0 | -9.00 | -9 | 0.40 | 4 | -9 | -9 |
| 80026.1 | HUNTINGTON HARBOR- LOWER | 91 | 9/15/92 | 4.0 | -9.00 | -9 | 0.37 | 4 | -9 | -9 |
| 80026.2 | HUNTINGTON HARBOR- LOWER | 92 | 9/15/92 | 4.0 | -9.00 | -9 | 1.40 | 4 | -9 | -9 |
| 80026.3 | HUNTINGTON HARBOR- LOWER | 93 | 9/15/92 | 4.0 | -9.00 | -9 | 0.40 | 4 | -9 | -9 |
| 80027.1 | HUNTINGTON HARBOR- MIDDLE | 94 | 9/15/92 | 4.0 | -9.00 | -9 | 0.60 | 4 | -9 | -9 |
| 80027.2 | HUNTINGTON HARBOR- MIDDLE | 95 | 9/15/92 | 4.0 | -9.00 | -9 | 0.80 | 4 | -9 | -9 |
| 80027.3 | HUNTINGTON HARBOR- MIDDLE | 96 | 9/15/92 | 4.0 | -9.00 | -9 | 1.40 | 4 | -9 | -9 |
| 80028.1 | HUNTINGTON HARBOR- UPPER | 97 | 9/15/92 | 4.0 | -9.00 | -9 | 0.60 | 4 | -9 | -9 |
| 80028.2 | HUNTINGTON HARBOR- UPPER | 98 | 9/15/92 | 4.0 | -9.00 | -9 | 1.50 | 4 | -9 | -9 |
| 80028.3 | HUNTINGTON HARBOR- UPPER | 99 | 9/15/92 | 4.0 | -9.00 | -9 | 2.10 | 4 | -9 | -9 |
| 80025.1 | ANAHEIM BAY- OIL ISLAND | 88 | 10/14/92 | 5.0 | -9.00 | -9 | 0.70 | 5 | -9 | -9 |
| 80025.2 | ANAHEIM BAY- OIL ISLAND | 89 | 10/14/92 | 5.0 | -9.00 | -9 | 1.00 | 5 | -9 | -9 |
| 80025.3 | ANAHEIM BAY- OIL ISLAND | 90 | 10/14/92 | 5.0 | -9.00 | -9 | 0.60 | 5 | -9 | -9 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9.0 | -9.00 | -9 | 0.51 | 9 | -3 | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9.0 | -9.00 | -9 | 0.62 | 9 | -3 | -9 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9.0 | -9.00 | -9 | 0.53 | 9 | -3 | -9 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9.0 | -9.00 | -9 | 0.72 | 9 | -3 | -9 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9.0 | -9.00 | -9 | 0.50 | 9 | -3 | -9 |
| 82006.0 | HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9.0 | -9.00 | -9 | 0.68 | 9 | -3 | -9 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9.0 | -9.00 | -9 | 1.10 | 9 | -3 | -9 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9.0 | -9.00 | -9 | 0.88 | 9 | -3 | -9 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9.0 | -9.00 | -9 | 0.40 | 9 | -3 | -9 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9.0 | -9.00 | -9 | 0.62 | 9 | -3 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE | 423 | 12/11/92 | 9.0 | -9.00 | -9 | 4.51 | 9 | -3 | -9 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9.0 | -9.00 | -9 | 0.41 | 9 | -3 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9.0 | -9.00 | -9 | 0.68 | 9 | -3 | -9 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9.0 | -9.00 | -9 | 0.84 | 9 | -3 | -9 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9.0 | -9.00 | -9 | 0.60 | 9 | -3 | -9 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17.0 | -9.00 | -9 | 0.23 | 17 | -3 | -9 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17.0 | -9.00 | -9 | 1.50 | 17 | -3 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17.0 | -9.00 | -9 | 1.20 | 17 | -3 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17.0 | -9.00 | -9 | 0.86 | 17 | -3 | -9 |
| 80024.3 | ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19.0 | -9.00 | -9 | 1.36 | 19 | -4 | -9 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19.0 | -9.00 | -9 | 1.95 | 19 | -4 | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19.0 | -9.00 | -9 | 1.52 | 19 | -4 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 1 | 1044 | 2/2/94 | 25.0 | -9.00 | -9 | 1.35 | 25 | -4 | -9 |

Grain Size and Total Organic Carbon Analyses

| STANUM | STATION | IDORG | DATE | LEG | CLAY | EXPANDEDQC | TOC | TOCBATCH | TOCDATAQC | DOC |
|---------|--------------------------------|-------|---------|------|-------|------------|------|----------|-----------|-----|
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 2 | 1045 | 2/2/94 | 25.0 | -9.00 | -9 | 1.39 | 25 | -4 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 3 | 1046 | 2/2/94 | 25.0 | -9.00 | -9 | 1.47 | 25 | -4 | -9 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 1 | 1085 | 2/16/94 | 26.0 | -9.00 | -9 | 0.76 | 26 | -4 | -9 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26.0 | -9.00 | -9 | 0.68 | 26 | -4 | -9 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26.0 | -9.00 | -9 | 0.60 | 26 | -4 | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26.0 | -9.00 | -9 | 1.32 | 26 | -4 | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26.0 | -9.00 | -9 | 1.12 | 26 | -4 | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26.0 | -9.00 | -9 | 1.33 | 26 | -4 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26.0 | -9.00 | -9 | 1.68 | 26 | -4 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26.0 | -9.00 | -9 | 1.81 | 26 | -4 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26.0 | -9.00 | -9 | 1.88 | 26 | -4 | -9 |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26.0 | -9.00 | -9 | 0.86 | 26 | -4 | -9 |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26.0 | -9.00 | -9 | 1.09 | 26 | -4 | -9 |
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26.0 | -9.00 | -9 | 0.75 | 26 | -4 | -9 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/31/94 | 29.0 | -9.00 | -9 | 1.32 | 29 | -4 | -9 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/31/94 | 29.0 | -9.00 | -9 | 1.21 | 29 | -4 | -9 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/31/94 | 29.0 | -9.00 | -9 | 1.25 | 29 | -4 | -9 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29.0 | -9.00 | -9 | 2.73 | 29 | -4 | -9 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29.0 | -9.00 | -9 | 2.84 | 29 | -4 | -9 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29.0 | -9.00 | -9 | 2.90 | 29 | -4 | -9 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 1 | 1177 | 3/30/94 | 29.0 | -9.00 | -9 | 1.46 | 29 | -4 | -9 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 2 | 1178 | 3/30/94 | 29.0 | -9.00 | -9 | 1.34 | 29 | -4 | -9 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 3 | 1179 | 3/30/94 | 29.0 | -9.00 | -9 | 1.46 | 29 | -4 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 1 | 1195 | 4/12/94 | 30.0 | -9.00 | -9 | 0.61 | 30 | -4 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 2 | 1196 | 4/12/94 | 30.0 | -9.00 | -9 | 1.51 | 30 | -4 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 3 | 1197 | 4/12/94 | 30.0 | -9.00 | -9 | 1.54 | 30 | -4 | -9 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 1 | 1201 | 4/12/94 | 30.0 | -9.00 | -9 | 1.16 | 30 | -4 | -9 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 2 | 1202 | 4/12/94 | 30.0 | -9.00 | -9 | 1.34 | 30 | -4 | -9 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 3 | 1203 | 4/12/94 | 30.0 | -9.00 | -9 | 1.50 | 30 | -4 | -9 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 1 | 1204 | 4/12/94 | 30.0 | -9.00 | -9 | 2.38 | 30 | -4 | -9 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 2 | 1205 | 4/12/94 | 30.0 | -9.00 | -9 | 3.21 | 30 | -4 | -9 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 3 | 1206 | 4/12/94 | 30.0 | -9.00 | -9 | 2.73 | 30 | -4 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1335 | 5/19/94 | 32.0 | -9.00 | -9 | 1.29 | 32 | -4 | -9 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34.0 | -9.00 | -9 | 1.41 | 34 | -4 | -9 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34.0 | -9.00 | -9 | 1.26 | 34 | -4 | -9 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34.0 | -9.00 | -9 | 0.73 | 34 | -4 | -9 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34.0 | -9.00 | -9 | 1.11 | 34 | -4 | -9 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34.0 | -9.00 | -9 | 1.82 | 34 | -4 | -9 |

Grain Size and Total Organic Carbon Analyses

| STANUM | STATION | IDORG | DATE | LEG | CLAY | EXPANDEDQC | TOC | TOCBATCH | TOCDATAQC | DOC |
|---------|--------------------------------|-------|---------|------|-------|------------|------|----------|-----------|------|
| 85006.0 | NEWPORT BAY (1009) | 1392 | 8/30/94 | 34.0 | -9.00 | -9 | 1.13 | 34 | -4 | -9 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36.0 | -9.00 | -9 | 0.30 | 36 | -4 | -9 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36.0 | -9.00 | -9 | 1.88 | 36 | -4 | -9 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36.0 | -9.00 | -9 | 0.85 | 36 | -4 | -9 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36.0 | -9.00 | -9 | 2.47 | 36 | -4 | -9 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36.0 | -9.00 | -9 | 1.49 | 36 | -4 | -9 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36.0 | -9.00 | -9 | 1.69 | 36 | -4 | -9 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36.0 | -9.00 | -9 | 1.98 | 36 | -4 | -9 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36.0 | -9.00 | -9 | 3.29 | 36 | -4 | -9 |
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36.0 | -9.00 | -9 | 3.80 | 36 | -4 | -9 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36.0 | -9.00 | -9 | 0.56 | 36 | -4 | -9 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36.0 | -9.00 | -9 | 1.93 | 36 | -4 | -9 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36.0 | -9.00 | -9 | 0.44 | 36 | -4 | -9 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45.0 | 21.69 | -4 | 1.70 | 45 | -4 | 2971 |
| 85001.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45.0 | 20.53 | -4 | 0.65 | 45 | -4 | -9 |
| 85001.0 | NEWPORT BAY (523) | 1788 | 8/20/97 | 54.0 | 11.78 | -4 | 0.56 | 54 | -4 | -9 |
| 86001.0 | SAN DIEGO CREEK- CAMPUS | 1789 | 8/20/97 | 54.0 | 2.14 | -4 | 0.41 | 54 | -4 | -9 |
| 86002.0 | SAN DIEGO CREEK- MACARTHUR | 1790 | 8/20/97 | 54.0 | 9.51 | -4 | 0.89 | 54 | -4 | -9 |
| 86003.0 | SANTA ANA/DELHI CHANNEL-BRIDGE | 1791 | 8/20/97 | 54.0 | 13.90 | -4 | 1.44 | 54 | -4 | -9 |
| 86004.0 | SANTA ANA/DELHI CHANNEL-OUTER | 1792 | 8/20/97 | 54.0 | 13.83 | -4 | 1.70 | 54 | -4 | -9 |

Appendix E

Toxicity Test Data

Section 1

Rhepoxynius abronius Survival in Sediment

Rhepoxynius abronius Survival Toxicity Test Data for Sediment

| STANUM | STATION | IDORG | DATE | LEG | TYPE | METADATA | CTRL | RA_MN | RA_SD | RA_SG | RA_TOX | RA_OTNH3 | RA_OUNH3 |
|---------|-------------------------------|-------|----------|------|------|-------------|------|-------|-------|-------|--------|----------|----------|
| 80024.1 | ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4.0 | -9 | -9 | -9 | 87.00 | 4.50 | * | NT | -9.000 | 0.012 |
| 80024.2 | ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4.0 | -9 | -9 | -9 | 84.00 | 8.20 | * | NT | -9.000 | 0.009 |
| 80024.3 | ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4.0 | -9 | -9 | -9 | 82.00 | 14.40 | ns | NT | -9.000 | 0.010 |
| 80026.1 | HUNTINGTON HARBOR- LOWER | 91 | 9/15/92 | 4.0 | -9 | -9 | -9 | 86.00 | 8.20 | ns | NT | -9.000 | 0.197 |
| 80026.2 | HUNTINGTON HARBOR- LOWER | 92 | 9/15/92 | 4.0 | -9 | -9 | -9 | 92.00 | 5.70 | ns | NT | -9.000 | 0.067 |
| 80026.3 | HUNTINGTON HARBOR- LOWER | 93 | 9/15/92 | 4.0 | -9 | -9 | -9 | 82.00 | 7.60 | * | NT | -9.000 | 0.103 |
| 80027.1 | HUNTINGTON HARBOR- MIDDLE | 94 | 9/15/92 | 4.0 | -9 | -9 | -9 | 64.00 | 9.60 | * | T | -9.000 | 0.039 |
| 80027.2 | HUNTINGTON HARBOR- MIDDLE | 95 | 9/15/92 | 4.0 | -9 | -9 | -9 | 67.00 | 13.00 | * | T | -9.000 | 0.134 |
| 80027.3 | HUNTINGTON HARBOR- MIDDLE | 96 | 9/15/92 | 4.0 | -9 | -9 | -9 | 44.00 | 23.80 | * | T | -9.000 | 0.060 |
| 80028.1 | HUNTINGTON HARBOR- UPPER | 97 | 9/15/92 | 4.0 | -9 | -9 | -9 | 73.00 | 13.00 | * | NT | -9.000 | 0.111 |
| 80028.2 | HUNTINGTON HARBOR- UPPER | 98 | 9/15/92 | 4.0 | -9 | -9 | -9 | 73.00 | 16.00 | * | NT | -9.000 | 0.117 |
| 80028.3 | HUNTINGTON HARBOR- UPPER | 99 | 9/15/92 | 4.0 | -9 | -9 | -9 | 52.00 | 14.40 | * | T | -9.000 | 0.205 |
| 80025.1 | ANAHEIM BAY- OIL ISLAND | 88 | 10/14/92 | 5.0 | -9 | -9 | -9 | 65.00 | 11.20 | * | T | -9.000 | 0.089 |
| 80025.2 | ANAHEIM BAY- OIL ISLAND | 89 | 10/14/92 | 5.0 | -9 | -9 | -9 | 80.00 | 10.00 | * | NT | -9.000 | 0.145 |
| 80025.3 | ANAHEIM BAY- OIL ISLAND | 90 | 10/14/92 | 5.0 | -9 | -9 | -9 | 75.00 | 10.00 | * | NT | -9.000 | 0.168 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9.0 | -9 | -9 | -9 | 42.00 | 31.10 | * | T | -9.000 | 0.109 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9.0 | -9 | -9 | -9 | 72.00 | 17.50 | * | T | -9.000 | 0.011 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9.0 | -9 | -9 | -9 | 93.00 | 2.70 | * | NT | -9.000 | 0.084 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9.0 | -9 | -9 | -9 | 91.00 | 5.50 | * | NT | -9.000 | 0.061 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9.0 | -9 | -9 | -9 | 43.00 | 19.90 | * | T | -9.000 | 0.257 |
| 82006.0 | HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9.0 | -9 | -9 | -9 | 22.00 | 10.40 | * | T | -9.000 | 0.125 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9.0 | -9 | -9 | -9 | 73.00 | 7.60 | * | T | -9.000 | 0.021 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9.0 | -9 | -9 | -9 | 84.00 | 8.20 | * | NT | -9.000 | 0.109 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9.0 | -9 | -9 | -9 | 94.00 | 6.50 | ns | NT | -9.000 | 0.032 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9.0 | -9 | -9 | -9 | 79.00 | 6.50 | * | NT | -9.000 | 0.014 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE | 423 | 12/11/92 | 9.0 | -9 | -9 | -9 | 86.00 | 6.50 | * | NT | -9.000 | 0.145 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9.0 | -9 | -9 | -9 | 81.00 | 8.20 | * | NT | -9.000 | 0.015 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9.0 | -9 | -9 | -9 | 87.00 | 7.60 | * | NT | -9.000 | 0.032 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9.0 | -9 | -9 | -9 | 57.00 | 14.80 | * | T | -9.000 | 0.029 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9.0 | -9 | -9 | -9 | 59.00 | 17.50 | * | T | -9.000 | 0.109 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17.0 | -9 | -9 | -9 | 49.00 | 18.80 | * | T | -9.000 | 0.261 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17.0 | -9 | -9 | -9 | 66.00 | 14.30 | * | T | -9.000 | 0.154 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17.0 | -9 | -9 | -9 | 59.00 | 7.40 | * | T | -9.000 | 0.072 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17.0 | -9 | -9 | -9 | 87.00 | 9.70 | ns | NT | -9.000 | 0.069 |
| 80024.3 | ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19.0 | -9 | -9 | -9 | 34.00 | 15.20 | * | T | -9.000 | 0.041 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19.0 | -9 | -9 | -9 | 20.00 | 7.90 | * | T | -9.000 | 0.024 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19.0 | -9 | -9 | -9 | 32.00 | 10.40 | * | T | -9.000 | 0.083 |
| | CONTROL-CH3 | | | 25.0 | CH3 | toxmeta.wpd | -9 | 95.00 | 6.12 | -9 | -9 | 0.140 | -8.000 |
| | CONTROL-CH2 | | | 25.0 | CH2 | toxmeta.wpd | -9 | 97.00 | 2.74 | -9 | -9 | 0.190 | 0.006 |

Rhepoxynius abronius Survival Toxicity Test Data for Sediment

| STANUM | STATION | IDORG | DATE | LEG | TYPE | METADATA | CTRL | RA_MN | RA_SD | RA_SG | RA_TOX | RA_OTNH3 | RA_OUNH3 |
|---------|--------------------------------|-------|---------|------|------|-------------|------|--------|-------|-------|--------|----------|----------|
| | CONTROL-CHI | | | 25.0 | CHI | toxmeta.wpd | -9 | 97.00 | 6.71 | -9 | -9 | 0.160 | 0.004 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 1 | 1044 | 2/2/94 | 25.0 | SAM | toxmeta.wpd | -9 | 38.00 | 16.81 | * | T | 0.530 | 0.018 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 2 | 1045 | 2/2/94 | 25.0 | FR | toxmeta.wpd | -9 | 69.00 | 19.17 | * | T | 0.280 | 0.006 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 3 | 1046 | 2/2/94 | 25.0 | FR | toxmeta.wpd | -9 | 62.00 | 13.51 | * | T | 0.380 | 0.010 |
| | CONTROL-CHI | | | 26.0 | CHI | toxmeta.wpd | -9 | 92.50 | 5.00 | -9 | -9 | 1.200 | 0.016 |
| | CONTROL-CH3 | | | 26.0 | CH3 | toxmeta.wpd | -9 | 96.00 | 4.18 | -9 | -9 | 1.200 | 0.015 |
| | CONTROL-CH2 | | | 26.0 | CH2 | toxmeta.wpd | -9 | 97.00 | 2.74 | -9 | -9 | 1.000 | 0.015 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26.0 | SAM | toxmeta.wpd | -9 | 64.00 | 36.64 | ns | NT | 33.000 | 1.162 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26.0 | FR | toxmeta.wpd | -9 | 57.00 | 27.75 | * | T | 18.000 | 0.708 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26.0 | FR | toxmeta.wpd | -9 | 91.00 | 5.48 | * | NT | 5.500 | 0.231 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26.0 | SAM | toxmeta.wpd | -9 | 72.00 | 13.04 | * | NT | 3.200 | 0.103 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26.0 | FR | toxmeta.wpd | -9 | 76.00 | 4.18 | * | NT | 2.900 | 0.087 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26.0 | FR | toxmeta.wpd | -9 | 79.00 | 9.62 | * | NT | 2.900 | 0.073 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26.0 | SAM | toxmeta.wpd | -9 | 59.00 | 12.94 | * | T | 4.800 | 0.151 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26.0 | FR | toxmeta.wpd | -9 | 67.00 | 18.23 | * | NT | 1.600 | 0.043 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26.0 | FR | toxmeta.wpd | -9 | 51.00 | 11.94 | * | T | 3.700 | 0.136 |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26.0 | SAM | toxmeta.wpd | -9 | 62.00 | 12.04 | * | T | 7.500 | 0.270 |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26.0 | FR | toxmeta.wpd | -9 | 63.00 | 10.37 | * | T | 6.000 | 0.252 |
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26.0 | FR | toxmeta.wpd | -9 | 87.00 | 10.37 | * | NT | 3.900 | 0.140 |
| | CONTROL-CH2 | | | 29.0 | CH2 | toxmeta.wpd | -9 | 99.00 | 2.24 | -9 | -9 | -8.000 | -8.000 |
| | CONTROL-CHI | | | 29.0 | CHI | toxmeta.wpd | -9 | 99.00 | 2.24 | -9 | -9 | 0.190 | 0.007 |
| | CONTROL-CH3 | | | 29.0 | CH3 | toxmeta.wpd | -9 | 100.00 | 0.00 | -9 | -9 | -8.000 | -8.000 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/31/94 | 29.0 | SAM | toxmeta.wpd | -9 | 91.00 | 8.94 | ns | NT | 0.640 | 0.024 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/31/94 | 29.0 | FR | toxmeta.wpd | -9 | 88.00 | 5.70 | * | NT | 0.610 | 0.021 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/31/94 | 29.0 | FR | toxmeta.wpd | -9 | 85.00 | 3.54 | * | NT | 0.920 | 0.028 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29.0 | SAM | toxmeta.wpd | -9 | 75.00 | 7.91 | * | T | 5.500 | 0.216 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29.0 | FR | toxmeta.wpd | -9 | 83.00 | 12.04 | * | NT | 7.500 | 0.337 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29.0 | FR | toxmeta.wpd | -9 | 80.00 | 7.91 | * | NT | 5.900 | 0.302 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 1 | 1177 | 3/30/94 | 29.0 | SAM | toxmeta.wpd | -9 | 93.00 | 5.70 | * | NT | 1.100 | 0.033 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 2 | 1178 | 3/30/94 | 29.0 | FR | toxmeta.wpd | -9 | 78.00 | 35.46 | ns | NT | 2.400 | 0.071 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 3 | 1179 | 3/30/94 | 29.0 | FR | toxmeta.wpd | -9 | 89.00 | 9.62 | * | NT | 2.900 | 0.119 |
| | CONTROL-CHI | | | 30.0 | CHI | toxmeta.wpd | -9 | 96.00 | 4.18 | -9 | -9 | -8.000 | -8.000 |
| | CONTROL-CH2 | | | 30.0 | CH2 | toxmeta.wpd | -9 | 95.00 | 6.12 | -9 | -9 | -8.000 | -8.000 |
| | CONTROL-CH3 | | | 30.0 | CH3 | toxmeta.wpd | -9 | 97.00 | 4.47 | -9 | -9 | -8.000 | -8.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 1 | 1195 | 4/12/94 | 30.0 | SAM | toxmeta.wpd | -9 | 82.00 | 24.14 | ns | NT | 0.290 | 0.010 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 2 | 1196 | 4/12/94 | 30.0 | FR | toxmeta.wpd | -9 | 79.00 | 2.24 | * | NT | 0.300 | 0.008 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 3 | 1197 | 4/12/94 | 30.0 | FR | toxmeta.wpd | -9 | 90.00 | 6.12 | ns | NT | 0.290 | 0.011 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 1 | 1201 | 4/12/94 | 30.0 | SAM | toxmeta.wpd | -9 | 80.00 | 11.73 | * | NT | 2.500 | 0.072 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 2 | 1202 | 4/12/94 | 30.0 | FR | toxmeta.wpd | -9 | 87.00 | 9.08 | * | NT | 2.900 | 0.076 |

Rhepoxyinius abronitus Survival Toxicity Test Data for Sediment

| STANUM | STATION | IDORG | DATE | LEG | TYPE | METADATA | CTRL | RA_MN | RA_SD | RA_SG | RA_TOX | RA_OTNH3 | RA_OUNH3 |
|---------|--------------------------------|-------|---------|------|------|--------------|------|--------|-------|-------|--------|----------|----------|
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 3 | 1203 | 4/12/94 | 30.0 | FR | toxmeta.wpd | -9 | 74.00 | 23.02 | ns | NT | 1.000 | 0.038 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 1 | 1204 | 4/12/94 | 30.0 | SAM | toxmeta.wpd | -9 | 21.00 | 35.95 | * | T | 3.900 | 0.112 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 2 | 1205 | 4/12/94 | 30.0 | FR | toxmeta.wpd | -9 | 9.00 | 8.94 | * | T | 4.200 | 0.106 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 3 | 1206 | 4/12/94 | 30.0 | FR | toxmeta.wpd | -9 | 38.00 | 29.07 | * | T | 4.100 | 0.101 |
| | CONTROL-CH2 | | | 32.0 | CH2 | toxmeta.wpd | -9 | 99.00 | 2.24 | -9 | -9 | 0.120 | 0.002 |
| | CONTROL-CH3 | | | 32.0 | CH3 | toxmeta.wpd | -9 | 100.00 | 0.00 | -9 | -9 | 0.110 | 0.003 |
| | CONTROL-CH1 | | | 32.0 | CH1 | toxmeta.wpd | -9 | 96.00 | 8.94 | -9 | -9 | -8.000 | -8.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1335 | 5/19/94 | 32.0 | SAM | toxmeta.wpd | -9 | 79.00 | 9.62 | * | NT | 1.000 | 0.029 |
| | CONTROL-C1 | | | 34.0 | C1 | toxmeta3.wpd | -9 | 95.00 | 5.00 | -9 | -9 | 0.590 | 0.017 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34.0 | SAM | toxmeta3.wpd | -9 | 29.00 | 15.00 | * | T | 15.000 | 0.590 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34.0 | SAM | toxmeta3.wpd | -9 | 58.00 | 16.00 | * | T | 3.900 | 0.088 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34.0 | SAM | toxmeta3.wpd | -9 | 72.00 | 10.00 | * | NT | 1.300 | 0.025 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34.0 | SAM | toxmeta3.wpd | -9 | 70.00 | 10.00 | * | NT | 1.200 | 0.019 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34.0 | SAM | toxmeta3.wpd | -9 | 63.00 | 19.00 | * | T | 5.900 | 0.194 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 9/1/94 | 34.0 | SAM | toxmeta3.wpd | -9 | 79.00 | 10.00 | * | NT | 5.300 | 0.146 |
| | CONTROL-C1 | | | 36.0 | C1 | toxmeta3.wpd | -9 | 100.00 | 0.00 | -9 | -9 | 3.300 | 0.055 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36.0 | SAM | toxmeta3.wpd | -9 | 93.00 | 6.00 | * | NT | 2.700 | 0.116 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36.0 | SAM | toxmeta3.wpd | -9 | 57.00 | 14.00 | * | T | 47.000 | 1.583 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36.0 | SAM | toxmeta3.wpd | -9 | 93.00 | 6.00 | * | NT | 7.400 | 0.174 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36.0 | SAM | toxmeta3.wpd | -9 | 74.00 | 14.00 | * | T | 3.300 | 0.058 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36.0 | SAM | toxmeta3.wpd | -9 | 80.00 | 17.00 | * | NT | 1.300 | 0.024 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36.0 | SAM | toxmeta3.wpd | -9 | 59.00 | 16.00 | * | T | 3.400 | 0.058 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36.0 | SAM | toxmeta3.wpd | -9 | 60.00 | 21.00 | * | T | 12.000 | 0.180 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36.0 | SAM | toxmeta3.wpd | -9 | 56.00 | 15.00 | * | T | 6.100 | 0.110 |
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36.0 | SAM | toxmeta3.wpd | -9 | 93.00 | 6.00 | ns | NT | 1.900 | 0.076 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36.0 | SAM | toxmeta3.wpd | -9 | 85.00 | 8.00 | * | NT | 0.900 | 0.013 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36.0 | SAM | toxmeta3.wpd | -9 | 81.00 | 4.00 | * | NT | 2.600 | 0.057 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36.0 | SAM | toxmeta3.wpd | -9 | 89.00 | 11.00 | * | NT | 3.500 | 0.088 |
| | CONTROL-C1 | | | 45.0 | C1 | toxdata6.wpd | C1 | -9.00 | -9.00 | -9 | -9 | -9.000 | -9.000 |
| | CONTROL-C2 | | | 45.0 | C2 | toxdata6.wpd | C1 | -9.00 | -9.00 | -9 | -9 | -9.000 | -9.000 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45.0 | SAM | toxdata6.wpd | C1 | -9.00 | -9.00 | -9 | -9 | -9.000 | -9.000 |
| 85011.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45.0 | SAM | toxdata6.wpd | C1 | -9.00 | -9.00 | -9 | -9 | -9.000 | -9.000 |
| | CONTROL-C1 | | | 54.0 | C1 | toxmeta8 | C1 | -9.00 | -9.00 | -9 | -9 | -9.000 | -9.000 |
| 85001.0 | NEWPORT BAY (523) | 1788 | 8/20/97 | 54.0 | SAM | toxmeta8 | C1 | -9.00 | -9.00 | -9 | -9 | -9.000 | -9.000 |
| 86001.0 | SAN DIEGO CREEK- CAMPUS | 1789 | 8/20/97 | 54.0 | SAM | toxmeta8 | C1 | -9.00 | -9.00 | -9 | -9 | -9.000 | -9.000 |
| 86002.0 | SAN DIEGO CREEK- MACARTHUR | 1790 | 8/20/97 | 54.0 | SAM | toxmeta8 | C1 | -9.00 | -9.00 | -9 | -9 | -9.000 | -9.000 |
| 86003.0 | SANTA ANA/DELHI CHANNEL-BRIDGE | 1791 | 8/20/97 | 54.0 | SAM | toxmeta8 | C1 | -9.00 | -9.00 | -9 | -9 | -9.000 | -9.000 |
| 86004.0 | SANTA ANA/DELHI CHANNEL-OUTER | 1792 | 8/20/97 | 54.0 | SAM | toxmeta8 | C1 | -9.00 | -9.00 | -9 | -9 | -9.000 | -9.000 |

Rhepoxynius abronius Survival Toxicity Test Data for Sediment

| STANUM | STATION | IDORG | DATE | LEG | RA_OH2S | RA_YTH3 | RA_IUNH3 | RA_IH2S | RA_BATCH | RAQC |
|---------|-------------------------------|-------|----------|------|---------|---------|----------|---------|------------|------|
| 80024.1 | ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 80024.2 | ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 80024.3 | ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 80026.1 | HUNTINGTON HARBOR- LOWER | 91 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 80026.2 | HUNTINGTON HARBOR- LOWER | 92 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 80026.3 | HUNTINGTON HARBOR- LOWER | 93 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 80027.1 | HUNTINGTON HARBOR- MIDDLE | 94 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 80027.2 | HUNTINGTON HARBOR- MIDDLE | 95 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 80027.3 | HUNTINGTON HARBOR- MIDDLE | 96 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 80028.1 | HUNTINGTON HARBOR- UPPER | 97 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 80028.2 | HUNTINGTON HARBOR- UPPER | 98 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 80028.3 | HUNTINGTON HARBOR- UPPER | 99 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 80025.1 | ANAHEIM BAY- OIL ISLAND | 88 | 10/14/92 | 5.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 80025.2 | ANAHEIM BAY- OIL ISLAND | 89 | 10/14/92 | 5.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 80025.3 | ANAHEIM BAY- OIL ISLAND | 90 | 10/14/92 | 5.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 82006.0 | HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE | 423 | 12/11/92 | 9.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 80024.3 | ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19.0 | -9.0000 | -9.0000 | -9.0000 | -9.0000 | -9 | -9 |
| | CONTROL-CH3 | | | 25.0 | 0.0049 | -9.0000 | -9.0000 | -9.0000 | B02SRASA01 | -3 |
| | CONTROL-C112 | | | 25.0 | 0.0082 | -9.0000 | -9.0000 | -9.0000 | B02SRASA01 | -3 |

Rhepoxynius abronitus Survival Toxicity Test Data for Sediment

| STANUM | STATION | IDORG | DATE | LEG | RA_OH2S | RA_ITNH3 | RA_IUNH3 | RA_IH2S | RA_BATCH | RAQC |
|---------|--------------------------------|-------|---------|------|---------|----------|----------|---------|------------|------|
| | CONTROL-CHI | | | 25.0 | -8.0000 | -9.000 | -9.000 | -9.0000 | B025RASA01 | -3 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 1 | 1044 | 2/2/94 | 25.0 | 0.0474 | -9.000 | -9.000 | -9.0000 | B025RASA01 | -3 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 2 | 1045 | 2/2/94 | 25.0 | 0.0180 | -9.000 | -9.000 | -9.0000 | B025RASA01 | -3 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 3 | 1046 | 2/2/94 | 25.0 | 0.0165 | -9.000 | -9.000 | -9.0000 | B025RASA01 | -3 |
| | CONTROL-CHI | | | 26.0 | -8.0000 | -9.000 | -9.000 | -9.0000 | B026RASA01 | -3 |
| | CONTROL-CH3 | | | 26.0 | -8.0000 | -9.000 | -9.000 | -9.0000 | B026RASA01 | -3 |
| | CONTROL-CH2 | | | 26.0 | -8.0000 | -9.000 | -9.000 | -9.0000 | B026RASA01 | -3 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26.0 | 0.0004 | -9.000 | -9.000 | -9.0000 | B026RASA01 | -3 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26.0 | -8.0000 | -9.000 | -9.000 | -9.0000 | B026RASA01 | -3 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26.0 | -8.0000 | -9.000 | -9.000 | -9.0000 | B026RASA01 | -3 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26.0 | -8.0000 | -9.000 | -9.000 | -9.0000 | B026RASA01 | -3 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26.0 | -8.0000 | -9.000 | -9.000 | -9.0000 | B026RASA01 | -3 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26.0 | -8.0000 | -9.000 | -9.000 | -9.0000 | B026RASA01 | -3 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26.0 | -8.0000 | -9.000 | -9.000 | -9.0000 | B026RASA01 | -3 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26.0 | -8.0000 | -9.000 | -9.000 | -9.0000 | B026RASA01 | -3 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26.0 | 0.0027 | -9.000 | -9.000 | -9.0000 | B026RASA01 | -3 |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26.0 | -8.0000 | -9.000 | -9.000 | -9.0000 | B026RASA01 | -3 |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26.0 | -8.0000 | -9.000 | -9.000 | -9.0000 | B026RASA01 | -3 |
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26.0 | -8.0000 | -9.000 | -9.000 | -9.0000 | B026RASA01 | -3 |
| | CONTROL-CH2 | | | 29.0 | 0.0006 | -9.000 | -9.000 | -9.0000 | B029RASA01 | -3 |
| | CONTROL-CHI | | | 29.0 | -8.0000 | -9.000 | -9.000 | -9.0000 | B029RASA01 | -3 |
| | CONTROL-CH3 | | | 29.0 | 0.0008 | -9.000 | -9.000 | -9.0000 | B029RASA01 | -3 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/31/94 | 29.0 | 0.0013 | -9.000 | -9.000 | -9.0000 | B029RASA01 | -3 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/31/94 | 29.0 | 0.0009 | -9.000 | -9.000 | -9.0000 | B029RASA01 | -3 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/31/94 | 29.0 | 0.0006 | -9.000 | -9.000 | -9.0000 | B029RASA01 | -3 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29.0 | 0.0068 | -9.000 | -9.000 | -9.0000 | B029RASA01 | -3 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29.0 | 0.0021 | -9.000 | -9.000 | -9.0000 | B029RASA01 | -3 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29.0 | 0.0047 | -9.000 | -9.000 | -9.0000 | B029RASA01 | -3 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 1 | 1177 | 3/30/94 | 29.0 | 0.0014 | -9.000 | -9.000 | -9.0000 | B029RASA01 | -3 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 2 | 1178 | 3/30/94 | 29.0 | 0.0019 | -9.000 | -9.000 | -9.0000 | B029RASA01 | -3 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 3 | 1179 | 3/30/94 | 29.0 | 0.0005 | -9.000 | -9.000 | -9.0000 | B029RASA01 | -3 |
| | CONTROL-CHI | | | 30.0 | 0.0011 | -9.000 | -9.000 | -9.0000 | B030RASA01 | -3 |
| | CONTROL-CH2 | | | 30.0 | 0.0014 | -9.000 | -9.000 | -9.0000 | B030RASA01 | -3 |
| | CONTROL-CH3 | | | 30.0 | 0.0024 | -9.000 | -9.000 | -9.0000 | B030RASA01 | -3 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 1 | 1195 | 4/12/94 | 30.0 | 0.0017 | -9.000 | -9.000 | -9.0000 | B030RASA01 | -3 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 2 | 1196 | 4/12/94 | 30.0 | 0.0006 | -9.000 | -9.000 | -9.0000 | B030RASA01 | -3 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 3 | 1197 | 4/12/94 | 30.0 | 0.0014 | 2.840 | 0.034 | 0.0185 | B030RASA01 | -3 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 1 | 1201 | 4/12/94 | 30.0 | 0.0027 | 6.740 | 0.038 | 0.0152 | B030RASA01 | -3 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 2 | 1202 | 4/12/94 | 30.0 | 0.0028 | -9.000 | -9.000 | -9.0000 | B030RASA01 | -3 |

Rhepoxynius abronius Survival Toxicity Test Data for Sediment

| STANUM | STATION | IDORG | DATE | LEG | RA_OH2S | RA_ITNH3 | RA_JUNH3 | RA_IH2S | RA_BATCH | RAQC |
|---------|--------------------------------|-------|---------|------|---------|----------|----------|---------|------------|------|
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 3 | 1203 | 4/12/94 | 30.0 | 0.0020 | -9.000 | -9.000 | -9.0000 | B030RASA01 | -3 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 1 | 1204 | 4/12/94 | 30.0 | 0.0190 | 9.200 | 0.115 | 1.6200 | B030RASA01 | -3 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 2 | 1205 | 4/12/94 | 30.0 | 0.0053 | -9.000 | -9.000 | -9.0000 | B030RASA01 | -3 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 3 | 1206 | 4/12/94 | 30.0 | 0.0029 | -9.000 | -9.000 | -9.0000 | B030RASA01 | -3 |
| | CONTROL-CH2 | | | 32.0 | 0.0027 | -8.000 | -8.000 | -8.0000 | B032RASA01 | -3 |
| | CONTROL-CH3 | | | 32.0 | 0.0037 | -8.000 | -8.000 | -8.0000 | B032RASA01 | -3 |
| | CONTROL-CH1 | | | 32.0 | 0.0042 | -8.000 | -8.000 | -8.0000 | B032RASA01 | -3 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1335 | 5/19/94 | 32.0 | 0.0029 | 4.800 | 0.019 | 0.0246 | B032RASA01 | -3 |
| | CONTROL-C1 | | | 34.0 | -8.0000 | -8.000 | -8.000 | -8.0000 | b034rasa01 | -4 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34.0 | 0.0070 | 25.000 | 0.095 | 0.1246 | b034rasa01 | -4 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34.0 | 0.0011 | 10.000 | 0.041 | 0.0160 | b034rasa01 | -4 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34.0 | 0.0010 | 5.370 | 0.038 | 0.0340 | b034rasa01 | -4 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34.0 | 0.0030 | 3.400 | 0.017 | 0.0210 | b034rasa01 | -4 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34.0 | 0.0030 | 15.000 | 0.119 | 0.0200 | b034rasa01 | -4 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 9/1/94 | 34.0 | 0.0005 | 10.000 | 0.041 | 0.0500 | b034rasa01 | -4 |
| | CONTROL-C1 | | | 36.0 | 0.0081 | -8.000 | -8.000 | -8.0000 | b036rasa01 | -5 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36.0 | 0.0026 | 35.000 | 0.843 | 0.0208 | b036rasa01 | -5 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36.0 | 0.0167 | 67.000 | 0.730 | 0.8190 | b036rasa01 | -5 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36.0 | 0.0072 | 16.000 | 0.187 | 0.7640 | b036rasa01 | -5 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36.0 | -8.0000 | 4.300 | 0.036 | 0.0094 | b036rasa01 | -5 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36.0 | 0.0339 | 3.700 | 0.041 | 0.0117 | b036rasa01 | -5 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36.0 | 0.0061 | 4.100 | 0.041 | 0.0284 | b036rasa01 | -5 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36.0 | 0.0082 | 15.000 | 0.167 | 0.0108 | b036rasa01 | -5 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36.0 | 0.0071 | 7.200 | 0.082 | 0.0470 | b036rasa01 | -5 |
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36.0 | 0.0031 | 5.300 | 0.052 | 0.0453 | b036rasa01 | -5 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36.0 | 0.0083 | 4.200 | 0.072 | 0.0030 | b036rasa01 | -5 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36.0 | 0.0059 | 5.600 | 0.061 | 0.0253 | b036rasa01 | -5 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36.0 | -8.0000 | 16.000 | 0.281 | 0.0160 | b036rasa01 | -5 |
| | CONTROL-C1 | | | 45.0 | -9.0000 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| | CONTROL-C2 | | | 45.0 | -9.0000 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45.0 | -9.0000 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 85011.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45.0 | -9.0000 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| | CONTROL-C1 | | | 54.0 | -9.0000 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 85001.0 | NEWPORT BAY (523) | 1788 | 8/20/97 | 54.0 | -9.0000 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 86001.0 | SAN DIEGO CREEK- CAMPUS | 1789 | 8/20/97 | 54.0 | -9.0000 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 86002.0 | SAN DIEGO CREEK- MACARTHUR | 1790 | 8/20/97 | 54.0 | -9.0000 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 86003.0 | SANTA ANA/DELHI CHANNEL-BRIDGE | 1791 | 8/20/97 | 54.0 | -9.0000 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 86004.0 | SANTA ANA/DELHI CHANNEL-OUTER | 1792 | 8/20/97 | 54.0 | -9.0000 | -9.000 | -9.000 | -9.0000 | -9 | -9 |

Section 2

Eohaustorius estuarius Survival in Sediment

Eohaustorius estuarius Survival Toxicity Test Data for Sediment

| STANUM | STATION | IDORG | DATE | LEG | EE_MN | EE_SD | EE_SG | EE_TOX | EE_BATCH | EEQC |
|---------|--------------------------------|-------|---------|------|----------|----------|---------|----------|------------|---------|
| | CONTROL-C1 | | | 45.0 | 99.00 | 2.00 | -9 | -9 | 145tee.xls | -4 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45.0 | 49.00 | 19.00 | * | T | 145tee.xls | -3 |
| 85011.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45.0 | 93.00 | 8.00 | ns | NT | 145tee.xls | -3 |
| | CONTROL-C1 | | | 54.0 | 94.00 | 8.00 | -9 | -9 | 154tee | -4 |
| 85001.0 | NEWPORT BAY (523) | 1788 | 8/20/97 | 54.0 | 93.00 | 7.00 | ns | NT | 154tee | -3 |
| 86002.0 | SAN DIEGO CREEK- MACARTHUR | 1790 | 8/20/97 | 54.0 | 97.00 | 4.00 | ns | NT | 154tee | -4 |
| 86003.0 | SANTA ANA/DELHI CHANNEL-BRIDGE | 1791 | 8/20/97 | 54.0 | 91.00 | 7.00 | ns | NT | 154tee | -4 |
| 86004.0 | SANTA ANA/DELHI CHANNEL-OUTER | 1792 | 8/20/97 | 54.0 | 95.00 | 4.00 | ns | NT | 154tee | -4 |
| | STANUM STATION | IDORG | DATE | LEG | EE_OTNH3 | EE_OUNH3 | EE_OH2S | EE_ITNH3 | EE_IUNH3 | EE_IH2S |
| | CONTROL-C1 | | | 45.0 | 0.350 | 0.011 | -9.0000 | -9.000 | -9.000 | -9.0000 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45.0 | 44.000 | 1.696 | -9.0000 | 91.000 | 0.949 | 0.0220 |
| 85011.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45.0 | 24.000 | 0.925 | -9.0000 | 43.000 | 0.400 | 0.0110 |
| | CONTROL-C1 | | | 54.0 | 2.000 | 0.059 | -9.0000 | -9.000 | -9.000 | -9.0000 |
| 85001.0 | NEWPORT BAY (523) | 1788 | 8/20/97 | 54.0 | 2.700 | 0.154 | -9.0000 | 20.000 | 0.195 | 0.0881 |
| 86002.0 | SAN DIEGO CREEK- MACARTHUR | 1790 | 8/20/97 | 54.0 | 7.600 | 0.695 | -9.0000 | 17.000 | 0.238 | 0.1551 |
| 86003.0 | SANTA ANA/DELHI CHANNEL-BRIDGE | 1791 | 8/20/97 | 54.0 | 6.800 | 0.251 | -9.0000 | 19.000 | 0.232 | 0.1431 |
| 86004.0 | SANTA ANA/DELHI CHANNEL-OUTER | 1792 | 8/20/97 | 54.0 | 2.300 | 0.202 | -9.0000 | 15.000 | 0.197 | 0.2068 |

Section 3

Haliotis rufescens Larval Shell Development in Subsurface Water

Haliotis rufescens Larval Shell Development Toxicity Test Data for Subsurface Water

| STANUM | STATION | IDORG | DATE | LEG | HRS100_MN | HRS100_SD | HRS100_SG | HRS100_TOX | HRS_OUNH3 | HRS_OTNH3 |
|---------|---------------------------|-------|----------|-----|-----------|-----------|-----------|------------|-----------|-----------|
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9.0 | 93.30 | 1.00 | * | NT | 0.002 | -9.000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9.0 | 88.40 | 4.30 | ns | NT | 0.002 | -9.000 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9.0 | 88.50 | 2.10 | ns | NT | 0.002 | -9.000 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9.0 | 90.00 | 3.80 | ns | NT | -8.000 | -9.000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9.0 | 84.80 | 5.10 | ns | NT | 0.002 | -9.000 |
| 82006.0 | HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9.0 | 90.50 | 2.70 | ns | NT | -8.000 | -9.000 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9.0 | 89.70 | 5.10 | ns | NT | -8.000 | -9.000 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9.0 | 89.80 | 3.20 | ns | NT | -8.000 | -9.000 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9.0 | 72.50 | 40.60 | ns | NT | -8.000 | -9.000 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9.0 | 87.50 | 3.70 | ns | NT | 0.002 | -9.000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE | 423 | 12/11/92 | 9.0 | 90.50 | 2.60 | ns | NT | 0.011 | -9.000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9.0 | 89.50 | 4.20 | ns | NT | 0.006 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9.0 | 90.00 | 3.80 | ns | NT | 0.003 | -9.000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9.0 | 88.50 | 6.60 | ns | NT | 0.003 | -9.000 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9.0 | 90.50 | 2.90 | ns | NT | 0.006 | -9.000 |

Haliotis rufescens Larval Shell Development Toxicity Test Data for Subsurface Water

| STANUM | STATION | IDORG | DATE | LEG | HRS_OH2S | HRS_BATCH | HRSQC |
|---------|---------------------------|-------|----------|-----|----------|-----------|-------|
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9.0 | -9.0000 | -9 | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9.0 | -9.0000 | -9 | -9 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9.0 | -9.0000 | -9 | -9 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9.0 | -9.0000 | -9 | -9 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9.0 | -9.0000 | -9 | -9 |
| 82006.0 | HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9.0 | -9.0000 | -9 | -9 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9.0 | -9.0000 | -9 | -9 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9.0 | -9.0000 | -9 | -9 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9.0 | -9.0000 | -9 | -9 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9.0 | -9.0000 | -9 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE | 423 | 12/11/92 | 9.0 | -9.0000 | -9 | -9 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9.0 | -9.0000 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9.0 | -9.0000 | -9 | -9 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9.0 | -9.0000 | -9 | -9 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9.0 | -9.0000 | -9 | -9 |

Section 4

Haliotis rufescens Larval Shell Development in Porewater

Haliotis rufescens Larval Shell Toxicity Test Data for Porewater

| STANUM | STATION | IDORG | DATE | LEG | HRP100_MN | HRP100_SD | HRP100_TOX | HRP50_MN | HRP50_SD | HRP50_SG |
|---------|---------------------------|-------|----------|-----|-----------|-----------|------------|----------|----------|----------|
| 80024.1 | ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4.0 | 12.10 | 10.70 | * | 97.90 | 1.30 | ns |
| 80024.2 | ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4.0 | 0.00 | 0.00 | * | 97.60 | 2.30 | ns |
| 80024.3 | ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4.0 | 17.50 | 20.00 | * | 99.30 | 0.60 | ns |
| 80026.1 | HUNTINGTON HARBOR- LOWER | 91 | 9/15/92 | 4.0 | 0.00 | 0.00 | * | 0.00 | 0.00 | * |
| 80026.2 | HUNTINGTON HARBOR- LOWER | 92 | 9/15/92 | 4.0 | 0.00 | 0.00 | * | 0.00 | 0.00 | * |
| 80026.3 | HUNTINGTON HARBOR- LOWER | 93 | 9/15/92 | 4.0 | 0.00 | 0.00 | * | 0.00 | 0.00 | * |
| 80027.1 | HUNTINGTON HARBOR- MIDDLE | 94 | 9/15/92 | 4.0 | 0.00 | 0.00 | * | 0.00 | 0.00 | * |
| 80027.2 | HUNTINGTON HARBOR- MIDDLE | 95 | 9/15/92 | 4.0 | 0.00 | 0.00 | * | 0.00 | 0.00 | * |
| 80027.3 | HUNTINGTON HARBOR- MIDDLE | 96 | 9/15/92 | 4.0 | 0.00 | 0.00 | * | 0.00 | 0.00 | * |
| 80028.1 | HUNTINGTON HARBOR- UPPER | 97 | 9/15/92 | 4.0 | 0.00 | 0.00 | * | 0.00 | 0.00 | * |
| 80028.2 | HUNTINGTON HARBOR- UPPER | 98 | 9/15/92 | 4.0 | 0.00 | 0.00 | * | 0.40 | 0.60 | * |
| 80028.3 | HUNTINGTON HARBOR- UPPER | 99 | 9/15/92 | 4.0 | 0.00 | 0.00 | * | 3.70 | 6.40 | * |
| 80025.1 | ANAHEIM BAY- OIL ISLAND | 88 | 10/14/92 | 5.0 | 12.40 | 8.70 | * | 91.10 | 3.60 | ns |
| 80025.2 | ANAHEIM BAY- OIL ISLAND | 89 | 10/14/92 | 5.0 | 32.20 | 13.10 | * | 97.40 | 0.80 | * |
| 80025.3 | ANAHEIM BAY- OIL ISLAND | 90 | 10/14/92 | 5.0 | 29.10 | 24.20 | * | 73.80 | 9.70 | * |

Haliotis rufescens Larval Shell Toxicity Test Data for Porewater

| STANUM | STATION | IDORG | DATE | LEG | HRP50_TOX | HRP25_MN | HRP25_SD | HRP25_SG | HRP25_TOX | HRP_IUNH3 | HRP_ITNH3 |
|---------|---------------------------|-------|----------|-----|-----------|----------|----------|----------|-----------|-----------|-----------|
| 80024.1 | ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4.0 | NT | 66.30 | 53.70 | ns | NT | 0.025 | -9.000 |
| 80024.2 | ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4.0 | NT | 97.20 | 2.00 | ns | NT | 0.069 | -9.000 |
| 80024.3 | ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4.0 | NT | 99.30 | 1.20 | ns | NT | 0.074 | -9.000 |
| 80026.1 | HUNTINGTON HARBOR- LOWER | 91 | 9/15/92 | 4.0 | T | 0.00 | 0.00 | * | T | 0.172 | -9.000 |
| 80026.2 | HUNTINGTON HARBOR- LOWER | 92 | 9/15/92 | 4.0 | T | 0.00 | 0.00 | * | T | 0.038 | -9.000 |
| 80026.3 | HUNTINGTON HARBOR- LOWER | 93 | 9/15/92 | 4.0 | T | 61.20 | 27.60 | ns | NT | 0.047 | -9.000 |
| 80027.1 | HUNTINGTON HARBOR- MIDDLE | 94 | 9/15/92 | 4.0 | T | 0.00 | 0.00 | * | T | 0.040 | -9.000 |
| 80027.2 | HUNTINGTON HARBOR- MIDDLE | 95 | 9/15/92 | 4.0 | T | 13.60 | 10.70 | * | T | 0.068 | -9.000 |
| 80027.3 | HUNTINGTON HARBOR- MIDDLE | 96 | 9/15/92 | 4.0 | T | 0.00 | 0.00 | * | T | 0.039 | -9.000 |
| 80028.1 | HUNTINGTON HARBOR- UPPER | 97 | 9/15/92 | 4.0 | T | 64.70 | 22.00 | ns | NT | 0.049 | -9.000 |
| 80028.2 | HUNTINGTON HARBOR- UPPER | 98 | 9/15/92 | 4.0 | T | 5.30 | 5.20 | * | T | 0.062 | -9.000 |
| 80028.3 | HUNTINGTON HARBOR- UPPER | 99 | 9/15/92 | 4.0 | T | 82.40 | 7.00 | * | T | 0.055 | -9.000 |
| 80025.1 | ANAHEIM BAY- OIL ISLAND | 88 | 10/14/92 | 5.0 | NT | 97.00 | 3.80 | ns | NT | 0.043 | -9.000 |
| 80025.2 | ANAHEIM BAY- OIL ISLAND | 89 | 10/14/92 | 5.0 | NT | 96.60 | 1.60 | ns | NT | 0.041 | -9.000 |
| 80025.3 | ANAHEIM BAY- OIL ISLAND | 90 | 10/14/92 | 5.0 | T | 96.40 | 1.30 | ns | NT | 0.170 | -9.000 |

Halitotis rufescens Larval Shell Toxicity Test Data for Porewater

| STANUM | STATION | IDORG | DATE | LEG | HRP_IH2S | HRP_BATCH | HRPQC |
|---------|---------------------------|-------|----------|-----|----------|-----------|-------|
| 80024.1 | ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4.0 | -8.0000 | -9 | -9 |
| 80024.2 | ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4.0 | -8.0000 | -9 | -9 |
| 80024.3 | ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4.0 | -8.0000 | -9 | -9 |
| 80026.1 | HUNTINGTON HARBOR- LOWER | 91 | 9/15/92 | 4.0 | -8.0000 | -9 | -9 |
| 80026.2 | HUNTINGTON HARBOR- LOWER | 92 | 9/15/92 | 4.0 | -8.0000 | -9 | -9 |
| 80026.3 | HUNTINGTON HARBOR- LOWER | 93 | 9/15/92 | 4.0 | -8.0000 | -9 | -9 |
| 80027.1 | HUNTINGTON HARBOR- MIDDLE | 94 | 9/15/92 | 4.0 | -8.0000 | -9 | -9 |
| 80027.2 | HUNTINGTON HARBOR- MIDDLE | 95 | 9/15/92 | 4.0 | -8.0000 | -9 | -9 |
| 80027.3 | HUNTINGTON HARBOR- MIDDLE | 96 | 9/15/92 | 4.0 | -8.0000 | -9 | -9 |
| 80028.1 | HUNTINGTON HARBOR- UPPER | 97 | 9/15/92 | 4.0 | -8.0000 | -9 | -9 |
| 80028.2 | HUNTINGTON HARBOR- UPPER | 98 | 9/15/92 | 4.0 | -8.0000 | -9 | -9 |
| 80028.3 | HUNTINGTON HARBOR- UPPER | 99 | 9/15/92 | 4.0 | -8.0000 | -9 | -9 |
| 80025.1 | ANAHEIM BAY- OIL ISLAND | 88 | 10/14/92 | 5.0 | -9.0000 | -9 | -9 |
| 80025.2 | ANAHEIM BAY- OIL ISLAND | 89 | 10/14/92 | 5.0 | -9.0000 | -9 | -9 |
| 80025.3 | ANAHEIM BAY- OIL ISLAND | 90 | 10/14/92 | 5.0 | -9.0000 | -9 | -9 |

Section 5

Strongylocentrotus purpuratus Fertilization in Porewater

Strongylocentrotus purpuratus Fertilization Toxicity Test Data for Porewater

| STANUM | STATION | IDORG | DATE | LEG | SPPFI00_MN | SPPFI00_SD | SPPFI00_SG | SPPFI00TOX | SPPF50_MN | SPPF50_SD |
|---------|-------------------------------|-------|----------|------|------------|------------|------------|------------|-----------|-----------|
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9.0 | 0.30 | 0.80 | * | -9 | -9.00 | -9.00 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9.0 | 99.40 | 0.80 | ns | -9 | -9.00 | -9.00 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9.0 | 98.60 | 1.10 | ns | -9 | -9.00 | -9.00 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9.0 | 50.30 | 15.40 | * | -9 | -9.00 | -9.00 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9.0 | 1.00 | 2.20 | * | -9 | -9.00 | -9.00 |
| 82006.0 | HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9.0 | 88.90 | 3.20 | ns | -9 | -9.00 | -9.00 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9.0 | 69.70 | 15.40 | * | -9 | -9.00 | -9.00 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9.0 | 95.30 | 2.50 | ns | -9 | -9.00 | -9.00 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9.0 | 98.30 | 1.90 | ns | -9 | -9.00 | -9.00 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9.0 | 16.40 | 17.50 | * | -9 | -9.00 | -9.00 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE | 423 | 12/11/92 | 9.0 | 93.60 | 5.20 | ns | -9 | -9.00 | -9.00 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9.0 | 36.40 | 20.10 | * | -9 | -9.00 | -9.00 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9.0 | 89.30 | 2.90 | ns | -9 | -9.00 | -9.00 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9.0 | -9.00 | -9.00 | -9 | -9 | -9.00 | -9.00 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9.0 | 95.40 | 3.80 | ns | -9 | -9.00 | -9.00 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17.0 | 0.00 | 0.00 | * | -9 | 0.30 | 0.50 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17.0 | -7.00 | -7.00 | -9 | -9 | -7.00 | -7.00 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17.0 | 21.40 | 13.40 | * | -9 | 3.80 | 6.60 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17.0 | 8.20 | 4.70 | * | -9 | 2.40 | 0.50 |
| 80024.3 | ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19.0 | 0.00 | 0.00 | * | -9 | 0.00 | 0.00 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19.0 | 75.10 | 18.30 | ns | -9 | 88.30 | 7.60 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19.0 | 96.20 | 1.80 | ns | -9 | 98.40 | 1.50 |
| | CONTROL-CI | | | 34.0 | 92.00 | 2.00 | -9 | -9 | 92.00 | 2.00 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/11/94 | 34.0 | 47.00 | 12.00 | * | T | 94.00 | 1.00 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/11/94 | 34.0 | 93.00 | 3.00 | ns | NT | 94.00 | 2.00 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34.0 | 91.00 | 2.00 | ns | NT | 95.00 | 5.00 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/11/94 | 34.0 | 92.00 | 2.00 | ns | NT | 96.00 | 2.00 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34.0 | 96.00 | 3.00 | ns | NT | 98.00 | 1.00 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 9/11/94 | 34.0 | 94.00 | 0.00 | ns | NT | 94.00 | 4.00 |
| | CONTROL-CI | | | 36.0 | 91.00 | 8.00 | -9 | -9 | -9.00 | -9.00 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36.0 | 0.00 | 0.00 | * | T | -9.00 | -9.00 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36.0 | 0.00 | 0.00 | * | T | -9.00 | -9.00 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36.0 | 0.00 | 0.00 | * | T | -9.00 | -9.00 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36.0 | 72.00 | 5.00 | * | NT | -9.00 | -9.00 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36.0 | 95.00 | 3.00 | ns | NT | -9.00 | -9.00 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36.0 | 86.00 | 6.00 | ns | NT | -9.00 | -9.00 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36.0 | 93.00 | 5.00 | ns | NT | -9.00 | -9.00 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36.0 | 96.00 | 2.00 | ns | NT | -9.00 | -9.00 |

Strongylocentrotus purpuratus Fertilization Toxicity Test Data for Portwater

| STANUM | STATION | IDORG | DATE | LEG | SPPFI00_MN | SPPFI00_SD | SPPFI00_SG | SPPFI00TOX | SPPFI50_MN | SPPFI50_SD |
|---------|--------------------------------|-------|---------|------|------------|------------|------------|------------|------------|------------|
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36.0 | 92.00 | 4.00 | ns | NT | -9.00 | -9.00 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36.0 | 86.00 | 4.00 | ns | NT | -9.00 | -9.00 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36.0 | 96.00 | 1.00 | ns | NT | -9.00 | -9.00 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36.0 | 29.00 | 15.00 | * | T | -9.00 | -9.00 |

Strongylocentrotus purpuratus Fertilization Toxicity Test Data for Porewater

| STANUM | STATION | IDORG | DATE | LEG | SPPF50_SG | SPPF50_TOX | SPPF25_MN | SPPF25_SD | SPPF25_SG | SPPF25_TOX |
|---------|-------------------------------|-------|----------|------|-----------|------------|-----------|-----------|-----------|------------|
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82006.0 | HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE | 423 | 12/11/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17.0 | * | -9 | 8.40 | 5.50 | * | -9 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17.0 | -9 | -9 | -7.00 | -7.00 | -9 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17.0 | * | -9 | 7.30 | 2.70 | * | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17.0 | * | -9 | 11.20 | 5.80 | * | -9 |
| 80024.3 | ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19.0 | * | -9 | 49.70 | 13.60 | * | -9 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19.0 | ns | -9 | 94.10 | 5.10 | ns | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19.0 | ns | -9 | 95.40 | 2.90 | ns | -9 |
| | CONTROL-CI | | | 34.0 | -9 | -9 | 92.00 | 2.00 | -9 | -9 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34.0 | ns | NT | 96.00 | 3.00 | ns | NT |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34.0 | ns | NT | 93.00 | 5.00 | ns | NT |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34.0 | ns | NT | 96.00 | 3.00 | ns | NT |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34.0 | * | NT | 93.00 | 2.00 | ns | NT |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34.0 | * | NT | 95.00 | 3.00 | ns | NT |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 9/1/94 | 34.0 | ns | NT | 97.00 | 2.00 | * | NT |
| | CONTROL-CI | | | 36.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |

Strongylocentrotus purpuratus Fertilization Toxicity Test Data for Porewater

| STANUM | STATION | IDORG | DATE | LEG | SPPF50_SG | SPPF50_TOX | SPPF25_MN | SPPF25_SD | SPPF25_SG | SPPF25_TOX |
|---------|--------------------------------|-------|---------|------|-----------|------------|-----------|-----------|-----------|------------|
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |

Strongylocentrotus purpuratus Development Toxicity Test Data for Porewater

| STANUM | STATION | IDORG | DATE | LEG | SPPD100_MN | SPPD100_SD | SPPD100_SG | SPPD100TOX | SPPD50_MN | SPPD50_SD |
|---------|-------------------------------|-------|----------|------|------------|------------|------------|------------|-----------|-----------|
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9.0 | 69.00 | 32.80 | ns | NT | -9.00 | -9.00 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9.0 | 0.00 | 0.00 | * | T | -9.00 | -9.00 |
| 82003.0 | ANAHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9.0 | 0.00 | 0.00 | * | T | -9.00 | -9.00 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9.0 | 0.00 | 0.00 | * | T | -9.00 | -9.00 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9.0 | 0.00 | 0.00 | * | T | -9.00 | -9.00 |
| 82006.0 | HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9.0 | 0.00 | 0.00 | * | T | -9.00 | -9.00 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9.0 | 0.00 | 0.00 | * | T | -9.00 | -9.00 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9.0 | 0.00 | 0.00 | * | T | -9.00 | -9.00 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9.0 | 0.00 | 0.00 | * | T | -9.00 | -9.00 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9.0 | 0.00 | 0.00 | * | T | -9.00 | -9.00 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE | 423 | 12/11/92 | 9.0 | 92.00 | 6.00 | * | NT | -9.00 | -9.00 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9.0 | 0.00 | 0.00 | * | T | -9.00 | -9.00 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9.0 | 0.00 | 0.00 | * | T | -9.00 | -9.00 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9.0 | -9.00 | -9.00 | -9 | -9 | -9.00 | -9.00 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9.0 | 49.70 | 22.70 | * | T | -9.00 | -9.00 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17.0 | 0.00 | 0.00 | * | T | 0.00 | 0.00 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17.0 | 0.00 | 0.00 | * | T | 0.00 | 0.00 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17.0 | 0.00 | 0.00 | * | T | 0.00 | 0.00 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17.0 | 0.00 | 0.00 | * | T | 0.00 | 0.00 |
| 80024.3 | ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19.0 | 0.00 | 0.00 | * | T | 0.00 | 0.00 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19.0 | 0.00 | 0.00 | * | T | 0.00 | 0.00 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19.0 | 0.00 | 0.00 | * | T | 0.00 | 0.00 |
| | CONTROL-C1 | | | | 89.00 | 4.00 | -9 | -9 | 89.00 | 4.00 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34.0 | 0.00 | 0.00 | * | T | 0.00 | 0.00 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34.0 | 0.00 | 0.00 | * | T | 0.00 | 0.00 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34.0 | 0.00 | 0.00 | * | T | 0.00 | 0.00 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34.0 | 0.00 | 0.00 | * | T | 0.00 | 0.00 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34.0 | 0.00 | 0.00 | * | T | 0.00 | 0.00 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 9/1/94 | 34.0 | 0.00 | 0.00 | * | T | 0.00 | 0.00 |
| | CONTROL-C1 | | | | 98.00 | 1.00 | -9 | -9 | 98.00 | 1.00 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36.0 | 0.00 | 0.00 | * | T | 0.00 | 0.00 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36.0 | 0.00 | 0.00 | * | T | 0.00 | 0.00 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36.0 | 0.00 | 0.00 | * | T | 1.00 | 1.00 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36.0 | 0.00 | 0.00 | * | T | 0.00 | 0.00 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36.0 | 0.00 | 0.00 | * | T | 0.00 | 0.00 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36.0 | 2.00 | 3.00 | * | T | 43.00 | 16.00 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36.0 | 0.00 | 0.00 | * | T | 70.00 | 9.00 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36.0 | 0.00 | 0.00 | * | T | 0.00 | 0.00 |

Strongylocentrotus purpuratus Development Toxicity Test Data for Forewater

| STANUM | STATION | IDORG | DATE | LEG | SPPD100_MN | SPPD109_SD | SPPD100_SG | SPPD100TOX | SPPD50_MN | SPPD50_SD |
|---------|--------------------------------|-------|---------|------|------------|------------|------------|------------|-----------|-----------|
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36.0 | 0.00 | 1.00 | * | T | 87.00 | 10.00 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36.0 | 81.00 | 8.00 | * | NT | 97.00 | 1.00 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36.0 | 0.00 | 0.00 | * | T | 1.00 | 2.00 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36.0 | 0.00 | 0.00 | * | T | 0.00 | 0.00 |
| | CONTROL-C1 | | | 45.0 | 88.00 | 4.00 | -9 | -9 | -9.00 | -9.00 |
| | CONTROL-C2 | | | 45.0 | 90.00 | 3.00 | -9 | -9 | -9.00 | -9.00 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45.0 | 0.00 | 0.00 | * | T | -9.00 | -9.00 |
| 85011.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45.0 | 1.00 | 2.00 | * | T | -9.00 | -9.00 |

Strongylocentrotus purpuratus Development Toxicity Test Data for Porewater

| STANUM | STATION | IDORG | DATE | LEG | SPPD50_SG | SPPD50_TOX | SPPD25_MN | SPPD25_SD | SPPD25_SG | SPPD25_TOX |
|---------|-------------------------------|-------|----------|------|-----------|------------|-----------|-----------|-----------|------------|
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82006.0 | HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE | 423 | 12/11/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17.0 | * | * | -9.00 | -9.00 | -9 | -9 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17.0 | * | * | -9.00 | -9.00 | -9 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17.0 | * | * | -9.00 | -9.00 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17.0 | * | * | -9.00 | -9.00 | -9 | -9 |
| 80024.3 | ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19.0 | * | * | -9.00 | -9.00 | -9 | -9 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19.0 | * | * | -9.00 | -9.00 | -9 | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19.0 | * | * | -9.00 | -9.00 | -9 | -9 |
| | CONTROL-CI | | | 34.0 | -9 | -9 | 89.00 | 4.00 | -9 | -9 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34.0 | * | * | 0.00 | 0.00 | * | T |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34.0 | * | * | 58.00 | 48.00 | ns | NT |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34.0 | * | * | 2.00 | 3.00 | * | T |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34.0 | * | * | 34.00 | 31.00 | * | T |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34.0 | * | * | 22.00 | 37.00 | * | T |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 9/1/94 | 34.0 | * | * | 23.00 | 21.00 | * | T |
| | CONTROL-CI | | | 36.0 | -9 | -9 | 98.00 | 1.00 | -9 | -9 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36.0 | * | * | 0.00 | 0.00 | * | T |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36.0 | * | * | 0.00 | 0.00 | * | T |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36.0 | * | * | 51.00 | 15.00 | * | T |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36.0 | * | * | 50.00 | 47.00 | ns | NT |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36.0 | * | * | 3.00 | 4.00 | * | T |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36.0 | * | * | 23.00 | 4.00 | * | T |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36.0 | * | * | 86.00 | 15.00 | ns | NT |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36.0 | * | * | 62.00 | 21.00 | * | NT |

Strongylocentrotus purpuratus Development Toxicity Test Data for Porewater

| STANUM | STATION | IDORG | DATE | LEG | SPPD50_SG | SPPD50_TOX | SPPD25_MN | SPPD25_SD | SPPD25_SG | SPPD25_TOX |
|---------|--------------------------------|-------|---------|------|-----------|------------|-----------|-----------|-----------|------------|
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36.0 | ns | NT | 95.00 | 3.00 | ns | NT |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36.0 | ns | NT | 97.00 | 0.00 | ns | NT |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36.0 | * | T | 80.00 | 6.00 | * | NT |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36.0 | * | T | 2.00 | 0.00 | * | T |
| | CONTROL-C1 | | | 45.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| | CONTROL-C2 | | | 45.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |
| 85011.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45.0 | -9 | -9 | -9.00 | -9.00 | -9 | -9 |

Strongylocentrotus purpuratus Fertilization Toxicity Test Data for Portwater

| STANUM | STATION | IDORG | DATE | LEG | SPPF_ITNH3 | SPPF_IUNI13 | SPPF_IH2S | SPPF_BATCH | SPPFOC |
|---------|-------------------------------|-------|----------|------|------------|-------------|-----------|------------|--------|
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9.0 | -9.000 | 0.082 | -8.0000 | -9 | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9.0 | -9.000 | 0.098 | -8.0000 | -9 | -9 |
| 82003.0 | ANAHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9.0 | -9.000 | 0.175 | -8.0000 | -9 | -9 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9.0 | -9.000 | 0.080 | -8.0000 | -9 | -9 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9.0 | -9.000 | 0.188 | -8.0000 | -9 | -9 |
| 82006.0 | HUNTINGTON HARBOR-PETERS | 406 | 12/10/92 | 9.0 | -9.000 | 0.196 | -8.0000 | -9 | -9 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9.0 | -9.000 | 0.100 | -8.0000 | -9 | -9 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9.0 | -9.000 | 0.228 | -8.0000 | -9 | -9 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9.0 | -9.000 | 0.108 | -8.0000 | -9 | -9 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9.0 | -9.000 | 0.209 | -8.0000 | -9 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE | 423 | 12/11/92 | 9.0 | -9.000 | 0.029 | -8.0000 | -9 | -9 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9.0 | -9.000 | 0.374 | -8.0000 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9.0 | -9.000 | 0.132 | -8.0000 | -9 | -9 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9.0 | -9.000 | -9.000 | -8.0000 | -9 | -9 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9.0 | -9.000 | 0.084 | -8.0000 | -9 | -9 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17.0 | -9.000 | 0.180 | 0.0007 | -9 | -9 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17.0 | -9.000 | 0.006 | -8.0000 | -9 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17.0 | -9.000 | 0.034 | 0.0013 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17.0 | -9.000 | 0.052 | 0.0013 | -9 | -9 |
| 80024.3 | ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19.0 | -9.000 | 0.025 | -8.0000 | -9 | -9 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19.0 | -9.000 | 0.035 | -8.0000 | -9 | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19.0 | -9.000 | 0.081 | -8.0000 | -9 | -9 |
| | CONTROL-CI | | | 34.0 | 0.240 | 0.005 | -8.0000 | b034spfa01 | -4 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34.0 | 4.570 | 0.047 | 0.0320 | b034spfa01 | -4 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34.0 | 2.420 | 0.026 | 0.0030 | b034spfa01 | -4 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34.0 | 4.130 | 0.055 | -8.0000 | b034spfa01 | -4 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34.0 | 2.050 | 0.030 | -8.0000 | b034spfa01 | -4 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34.0 | 2.020 | 0.026 | 0.0080 | b034spfa01 | -4 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 9/1/94 | 34.0 | 1.990 | 0.020 | -8.0000 | b034spfa01 | -4 |
| | CONTROL-CI | | | 36.0 | -8.000 | -8.000 | -9.0000 | b036spfa01 | -4 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36.0 | 18.000 | 0.295 | 0.0170 | b036spfa01 | -5 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36.0 | 13.000 | 0.250 | 0.0060 | b036spfa01 | -5 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36.0 | 11.000 | 0.211 | 0.0070 | b036spfa01 | -4 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36.0 | 5.200 | 0.066 | -8.0000 | b036spfa01 | -4 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36.0 | 4.900 | 0.051 | -8.0000 | b036spfa01 | -4 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36.0 | 4.400 | 0.045 | 0.0000 | b036spfa01 | -4 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36.0 | 4.300 | 0.058 | 0.0010 | b036spfa01 | -4 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36.0 | 5.700 | 0.100 | 0.0180 | b036spfa01 | -4 |

Strongylocentrotus purpuratus Development Toxicity Test Data for Porewater

| STANUM | STATION | IDORG | DATE | LEG | SPPD | BATCH | SPPDQC | SPPD_ITNH3 | SPPD_IUNH3 | SPPD_IH2S |
|---------|-------------------------------|-------|----------|------|------------|-------|--------|------------|------------|-----------|
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9.0 | -9 | -9 | -9 | -9.000 | 0.082 | -8.0000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9.0 | -9 | -9 | -9 | -9.000 | 0.098 | -8.0000 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9.0 | -9 | -9 | -9 | -9.000 | 0.175 | -8.0000 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9.0 | -9 | -9 | -9 | -9.000 | 0.080 | -8.0000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9.0 | -9 | -9 | -9 | -9.000 | 0.188 | -8.0000 |
| 82006.0 | HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9.0 | -9 | -9 | -9 | -9.000 | 0.196 | -8.0000 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9.0 | -9 | -9 | -9 | -9.000 | 0.100 | -8.0000 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9.0 | -9 | -9 | -9 | -9.000 | 0.228 | -8.0000 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9.0 | -9 | -9 | -9 | -9.000 | 0.108 | -8.0000 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9.0 | -9 | -9 | -9 | -9.000 | 0.209 | -8.0000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE | 423 | 12/11/92 | 9.0 | -9 | -9 | -9 | -9.000 | 0.029 | -8.0000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9.0 | -9 | -9 | -9 | -9.000 | 0.374 | -8.0000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9.0 | -9 | -9 | -9 | -9.000 | 0.132 | -8.0000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9.0 | -9 | -9 | -9 | -9.000 | -9.0000 | -9.0000 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9.0 | -9 | -9 | -9 | -9.000 | 0.084 | -8.0000 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17.0 | -9 | -9 | -9 | -9.000 | 0.180 | -8.0000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17.0 | -9 | -9 | -9 | -9.000 | 0.102 | 0.0008 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17.0 | -9 | -9 | -9 | -9.000 | 0.034 | 0.0013 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17.0 | -9 | -9 | -9 | -9.000 | 0.052 | 0.0013 |
| 80024.3 | ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19.0 | -9 | -9 | -9 | -9.000 | 0.025 | -8.0000 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19.0 | -9 | -9 | -9 | -9.000 | 0.050 | -8.0000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19.0 | -9 | -9 | -9 | -9.000 | 0.096 | -8.0000 |
| | CONTROL-CI | | | 34.0 | b034spda01 | | -4 | 0.240 | 0.005 | -8.0000 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34.0 | b034spda01 | | -4 | 11.100 | 0.358 | 0.0323 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34.0 | b034spda01 | | -4 | 4.210 | 0.028 | 0.0034 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34.0 | b034spda01 | | -4 | 7.000 | 0.355 | -8.0000 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34.0 | b034spda01 | | -4 | 4.100 | 0.030 | -8.0000 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34.0 | b034spda01 | | -4 | 3.890 | 0.026 | 0.0085 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 9/1/94 | 34.0 | b034spda01 | | -4 | 4.560 | 0.075 | -8.0000 |
| | CONTROL-CI | | | 36.0 | b036spda01 | | -4 | 0.200 | 0.002 | -8.0000 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36.0 | b036spda01 | | -5 | 24.000 | 0.528 | 0.0170 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36.0 | b036spda01 | | -5 | 14.000 | 0.353 | 0.0063 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36.0 | b036spda01 | | -3 | 11.000 | 0.484 | 0.0065 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36.0 | b036spda01 | | -4 | 5.200 | 0.075 | -8.0000 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36.0 | b036spda01 | | -3 | 4.900 | 0.080 | -8.0000 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36.0 | b036spda01 | | -4 | 4.400 | 0.060 | 0.0002 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36.0 | b036spda01 | | -4 | 4.300 | 0.102 | 0.0009 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36.0 | b036spda01 | | -4 | 6.500 | 0.261 | 0.0180 |

Strongylocentrotus purpuratus Fertilization Toxicity Test Data for Forewater

| STANUM | STATION | IDORG | DATE | LEG | SPPF ITNH3 | SPPF IUNH3 | SPPF IH2S | SPPF_BATCH | SPPFQC |
|---------|--------------------------------|-------|---------|------|------------|------------|-----------|------------|--------|
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36.0 | 5.400 | 0.099 | 0.0030 | b036spfa01 | -4 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36.0 | 5.400 | 0.060 | -8.0000 | b036spfa01 | -4 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36.0 | 4.800 | 0.086 | 0.0090 | b036spfa01 | -4 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36.0 | 5.900 | 0.121 | 0.0060 | b036spfa01 | -4 |

Strongylocentrotus purpuratus Development Toxicity Test Data for Porewater

| STANUM | STATION | IDORG | DATE | LEG | SPPD_BATCH | SPPDQC | SPPD_JTNH3 | SPPD_IUNH3 | SPPD_IH2S |
|---------|--------------------------------|-------|---------|------|------------|--------|------------|------------|-----------|
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36.0 | b036spda01 | -3 | 5.400 | 0.150 | 0.0034 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36.0 | b036spda01 | -3 | 5.400 | 0.060 | -8.0000 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36.0 | b036spda01 | -4 | 5.800 | 0.266 | 0.0093 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36.0 | b036spda01 | -3 | 11.000 | 0.700 | 0.0061 |
| | CONTROL-C1 | | | 45.0 | 145tspd.xl | -4 | 1.600 | 0.049 | -9.0000 |
| | CONTROL-C2 | | | 45.0 | 145tspd.xl | -4 | 0.860 | 0.027 | -9.0000 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45.0 | 145tspd.xl | -4 | 1.600 | 0.011 | 0.0156 |
| 85011.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45.0 | 145tspd.xl | -4 | 3.700 | 0.026 | 0.0113 |

Section 6

Strongylocentrotus purpuratus Development in Porewater

Section 7

Strongylocentrotus purpuratus Development in Intact Sediment Cores

Strongylocentrotus purpuratus Development Toxicity Test Data for Intact Sediment Cores

| STANUM | STATION | IDORG | DATE | LEG | SPDI_MIN | SPDI_SD | SPDI_SG | SPDI_TOX | SPDI_BATCH |
|---------|--------------------------------|-------|---------|------|----------|---------|---------|----------|------------|
| | CONTROL-C1 | | | 45.0 | 94.00 | 2.00 | -9 | -9 | 145tswi.xl |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45.0 | 20.00 | 18.00 | * | T | 145tswi.xl |
| 85011.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45.0 | 46.00 | 41.00 | * | T | 145tswi.xl |
| | CONTROL-C1 | | | 54.0 | 97.00 | 1.00 | -9 | -9 | 154tspdswi |
| 85001.0 | NEWPORT BAY (523) | 1788 | 8/20/97 | 54.0 | 57.00 | 40.00 | * | NT | 154tspdswi |
| 86002.0 | SAN DIEGO CREEK- MACARTHUR | 1790 | 8/20/97 | 54.0 | 89.00 | 3.00 | * | NT | 154tspdswi |
| 86003.0 | SANTA ANA/DELHI CHANNEL-BRIDGE | 1791 | 8/20/97 | 54.0 | 65.00 | 42.00 | ns | NT | 154tspdswi |
| 86004.0 | SANTA ANA/DELHI CHANNEL-OUTER | 1792 | 8/20/97 | 54.0 | 78.00 | 43.00 | ns | NT | 154tspdswi |

| STANUM | STATION | IDORG | DATE | LEG | SPDIQC | SPDI_OTNH3 | SPDI_OUNH3 | SPDI_OH2S |
|---------|--------------------------------|-------|---------|------|--------|------------|------------|-----------|
| | CONTROL-C1 | | | 45.0 | -4 | 0.620 | 0.015 | -9.0000 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45.0 | -4 | 5.900 | 0.055 | 0.0620 |
| 85011.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45.0 | -5 | 6.300 | 0.066 | 0.0048 |
| | CONTROL-C1 | | | 54.0 | -4 | 1.300 | 0.030 | 0.0038 |
| 85001.0 | NEWPORT BAY (523) | 1788 | 8/20/97 | 54.0 | -4 | 2.700 | 0.030 | 0.0052 |
| 86002.0 | SAN DIEGO CREEK- MACARTHUR | 1790 | 8/20/97 | 54.0 | -4 | 3.100 | 0.050 | 0.0048 |
| 86003.0 | SANTA ANA/DELHI CHANNEL-BRIDGE | 1791 | 8/20/97 | 54.0 | -4 | 7.300 | 0.083 | 0.0625 |
| 86004.0 | SANTA ANA/DELHI CHANNEL-OUTER | 1792 | 8/20/97 | 54.0 | -4 | 1.600 | 0.062 | 0.0047 |

Mytilus Shell Development Toxicity Test Data for Porewater

| STANUM STATION | IDORG | DATE | LEG | MEP100_NN | MEP100_SD | MEP100_SG | MEP100_TOX | MEP_ITNH3 |
|----------------------------------|-------|----------|-----|-----------|-----------|-----------|------------|-----------|
| 82039.0 BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9.0 | 0.00 | 0.00 | * | T | -9.000 |
| STANUM STATION | IDORG | DATE | LEG | MEP_IUNH3 | MEP_IH2S | MEP_BATCH | MEPQC | |
| 82039.0 BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9.0 | 0.135 | -8.0000 | -9 | -9 | |

Section 8

Mytilus Larval Shell Development in Porewater

Section 9

Neanthes arenaceodentata Survival in Sediment

Neanthes arenaceodentata Survival Toxicity Test Data for Sediment

| STANUM | STATION | IDORG | DATE | LEG | NASURY_MN | NASURY_SD | NASURY_SG | NASURY_TOX |
|---------|--------------------------------|-------|---------|------|-----------|-----------|-----------|------------|
| | CONTROL-CH3 | | | 25.0 | 100.00 | 0.00 | -9 | -9 |
| | CONTROL-CH2 | | | 25.0 | 100.00 | 0.00 | -9 | -9 |
| | CONTROL-CHI | | | 25.0 | 100.00 | 0.00 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 1 | 1044 | 2/2/94 | 25.0 | 96.00 | 8.94 | ns | NT |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 2 | 1045 | 2/2/94 | 25.0 | 92.00 | 10.95 | ns | NT |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 3 | 1046 | 2/2/94 | 25.0 | 100.00 | 0.00 | ns | NT |
| | CONTROL-CHI | | | 26.0 | 95.00 | 10.00 | -9 | -9 |
| | CONTROL-CH3 | | | 26.0 | 100.00 | 0.00 | -9 | -9 |
| | CONTROL-CH2 | | | 26.0 | 92.00 | 11.00 | -9 | -9 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26.0 | 60.00 | 42.43 | ns | NT |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26.0 | 92.00 | 10.95 | ns | NT |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26.0 | 80.00 | 34.64 | ns | NT |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26.0 | 76.00 | 16.73 | ns | NT |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26.0 | 88.00 | 17.89 | ns | NT |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26.0 | 64.00 | 32.86 | ns | NT |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26.0 | 52.00 | 36.33 | ns | NT |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26.0 | 72.00 | 33.47 | ns | NT |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26.0 | 56.00 | 16.73 | ns | NT |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26.0 | 84.00 | 16.73 | ns | NT |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26.0 | 76.00 | 16.73 | ns | NT |
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26.0 | 92.00 | 10.95 | ns | NT |
| | CONTROL-CH2 | | | 29.0 | 100.00 | 0.00 | -9 | -9 |
| | CONTROL-CHI | | | 29.0 | 100.00 | 0.00 | -9 | -9 |
| | CONTROL-CH3 | | | 29.0 | 100.00 | 0.00 | -9 | -9 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/31/94 | 29.0 | 84.00 | 21.91 | ns | NT |
| 80024.3 | ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/31/94 | 29.0 | 96.00 | 8.94 | ns | NT |
| 80024.3 | ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/31/94 | 29.0 | 80.00 | 24.49 | ns | NT |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29.0 | 68.00 | 41.47 | ns | NT |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29.0 | 88.00 | 10.95 | ns | NT |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29.0 | 80.00 | 24.49 | ns | NT |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 1 | 1177 | 3/30/94 | 29.0 | 96.00 | 8.94 | ns | NT |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 2 | 1178 | 3/30/94 | 29.0 | 88.00 | 10.95 | ns | NT |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 3 | 1179 | 3/30/94 | 29.0 | 96.00 | 8.94 | ns | NT |
| | CONTROL-CHI | | | 30.0 | 88.00 | 11.00 | -9 | -9 |
| | CONTROL-CH2 | | | 30.0 | 96.00 | 8.90 | -9 | -9 |
| | CONTROL-CH3 | | | 30.0 | 72.00 | 41.50 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 1 | 1195 | 4/12/94 | 30.0 | 88.00 | 17.89 | ns | NT |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-RIFP 2 | 1196 | 4/12/94 | 30.0 | 88.00 | 10.95 | ns | NT |

Neanthes arenaceodentata Survival Toxicity Test Data for Sediment

| STANUM | STATION | IDORG | DATE | LEG | NASURY_MN | NASURY_SD | NASURY_SG | NASURY_TOX |
|---------|--------------------------------|-------|---------|------|-----------|-----------|-----------|------------|
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 3 | 1197 | 4/12/94 | 30.0 | 88.00 | 10.95 | ns | NT |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 1 | 1201 | 4/12/94 | 30.0 | 76.00 | 43.36 | ns | NT |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 2 | 1202 | 4/12/94 | 30.0 | 76.00 | 43.36 | ns | NT |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 3 | 1203 | 4/12/94 | 30.0 | 96.00 | 8.94 | ns | NT |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 1 | 1204 | 4/12/94 | 30.0 | 52.00 | 48.17 | * | T |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 2 | 1205 | 4/12/94 | 30.0 | 65.00 | 19.15 | * | NT |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 3 | 1206 | 4/12/94 | 30.0 | 68.00 | 41.47 | ns | NT |
| | CONTROL-CHI | | | 32.0 | 96.00 | 9.00 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1335 | 5/19/94 | 32.0 | 100.00 | 0.00 | ns | NT |

Section 10

Neanthes arenaceodentata Weight Change in Sediment

Neanthes arenaceodentata Weight Change Toxicity Test Data for Sediment

| STANUM | STATION | IDORG | DATE | LEG | NAWT MN | NAWT SD | NAWT SG | NAWT TOX | NA OTNH3 | NA OUNH3 | NA OH2S |
|---------|--------------------------------|-------|---------|------|---------|---------|---------|----------|----------|----------|---------|
| | CONTROL-CH3 | | | 25.0 | 12.20 | 4.63 | -9 | -9 | 3.120 | 0.127 | -8.0000 |
| | CONTROL-CH2 | | | 25.0 | 11.52 | 3.92 | -9 | -9 | 2.910 | 0.068 | 0.0026 |
| | CONTROL-CHI | | | 25.0 | 10.76 | 2.07 | -9 | -9 | 2.750 | 0.079 | -8.0000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 1 | 1044 | 2/2/94 | 25.0 | 8.45 | 3.67 | ns | NT | 3.200 | 0.171 | 0.0024 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 2 | 1045 | 2/2/94 | 25.0 | 11.09 | 2.99 | ns | NT | 3.300 | 0.127 | -8.0000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 3 | 1046 | 2/2/94 | 25.0 | 12.09 | 1.78 | ns | NT | 3.100 | 0.093 | -8.0000 |
| | CONTROL-CHI | | | 26.0 | 4.51 | 2.71 | -9 | -9 | 3.500 | 0.497 | 0.0018 |
| | CONTROL-CH3 | | | 26.0 | 3.66 | 0.75 | -9 | -9 | 3.800 | 0.125 | -8.0000 |
| | CONTROL-CH2 | | | 26.0 | 4.59 | 1.93 | -9 | -9 | 3.600 | 0.152 | -8.0000 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26.0 | 4.15 | 1.78 | ns | NT | 11.000 | 0.401 | -8.0000 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26.0 | 2.89 | 0.83 | ns | NT | 6.400 | 0.279 | -8.0000 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26.0 | 3.98 | 2.77 | ns | NT | 5.500 | 0.232 | -8.0000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26.0 | 3.79 | 2.03 | ns | NT | 5.200 | 0.222 | -8.0000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26.0 | 3.01 | 1.04 | ns | NT | 6.100 | 0.213 | -8.0000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26.0 | 3.36 | 0.95 | ns | NT | 7.900 | 0.193 | -8.0000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26.0 | 5.16 | 0.85 | ns | NT | 5.400 | 0.214 | -8.0000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26.0 | 3.56 | 1.14 | ns | NT | 6.300 | 0.251 | -8.0000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26.0 | 3.52 | 0.78 | ns | NT | 5.500 | 0.195 | -8.0000 |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26.0 | 3.48 | 1.01 | ns | NT | 4.300 | 0.271 | -8.0000 |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26.0 | 2.97 | 0.55 | ns | NT | 4.000 | 0.139 | -8.0000 |
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26.0 | 4.08 | 2.24 | ns | NT | 3.900 | 0.221 | -8.0000 |
| | CONTROL-CH2 | | | 29.0 | 12.07 | 4.06 | -9 | -9 | 4.300 | 0.123 | 0.0035 |
| | CONTROL-CHI | | | 29.0 | 14.44 | 3.11 | -9 | -9 | 3.670 | 0.164 | 0.0031 |
| | CONTROL-CH3 | | | 29.0 | 15.28 | 6.32 | -9 | -9 | 4.100 | 0.130 | 0.0035 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/31/94 | 29.0 | 15.01 | 4.66 | ns | NT | 4.340 | 0.116 | 0.0025 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/31/94 | 29.0 | 12.22 | 4.50 | ns | NT | 3.720 | 0.104 | 0.0030 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/31/94 | 29.0 | 13.56 | 3.34 | ns | NT | 5.400 | 0.151 | 0.0030 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29.0 | 10.08 | 2.84 | * | NT | 11.200 | 0.499 | 0.0053 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29.0 | 12.06 | 3.51 | ns | NT | 9.490 | 0.396 | 0.0054 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29.0 | 9.83 | 3.97 | * | NT | 10.000 | 0.430 | 0.0064 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 1 | 1177 | 3/30/94 | 29.0 | 13.72 | 2.81 | ns | NT | 5.320 | 0.271 | 0.0026 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 2 | 1178 | 3/30/94 | 29.0 | 15.17 | 5.44 | ns | NT | 4.870 | 0.189 | 0.0026 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 3 | 1179 | 3/30/94 | 29.0 | 12.85 | 5.11 | ns | NT | 6.870 | 0.179 | 0.0038 |
| | CONTROL-CHI | | | 30.0 | 3.78 | 1.36 | -9 | -9 | 6.710 | 0.256 | 0.0007 |
| | CONTROL-CH2 | | | 30.0 | 7.52 | 2.90 | -9 | -9 | 6.200 | 0.170 | 0.0009 |
| | CONTROL-CH3 | | | 30.0 | 4.88 | 0.70 | -9 | -9 | 6.200 | 0.194 | 0.0007 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 1 | 1195 | 4/12/94 | 30.0 | 5.20 | 2.99 | ns | NT | 7.380 | 0.189 | 0.0153 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 2 | 1196 | 4/12/94 | 30.0 | 6.69 | 3.15 | ns | NT | 8.620 | 0.288 | 0.0021 |

Neanthes arenaceodentata Weight Change Toxicity Test Data for Sediment

| STANUM | STATION | IDORG | DATE | LEG | NAWT_MIN | NAWT_SD | NAWT_SG | NAWT_TOX | NA_OTNH3 | NA_OUNH3 | NA_OH2S |
|---------|--------------------------------|-------|---------|------|----------|---------|---------|----------|----------|----------|---------|
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 3 | 1197 | 4/12/94 | 30.0 | 5.62 | 1.88 | ns | NT | 8.900 | 0.260 | 0.0031 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 1 | 1201 | 4/12/94 | 30.0 | 5.18 | 1.76 | ns | NT | 9.100 | 0.254 | 0.0031 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 2 | 1202 | 4/12/94 | 30.0 | 5.19 | 0.84 | ns | NT | 8.900 | 0.272 | 0.0057 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 3 | 1203 | 4/12/94 | 30.0 | 5.26 | 2.85 | ns | NT | 6.700 | 0.224 | 0.0022 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 1 | 1204 | 4/12/94 | 30.0 | 5.76 | 3.52 | ns | NT | 14.000 | 0.355 | 0.0875 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 2 | 1205 | 4/12/94 | 30.0 | 5.72 | 2.38 | ns | NT | 11.300 | 0.471 | 0.0082 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 3 | 1206 | 4/12/94 | 30.0 | 7.79 | 3.90 | ns | NT | 9.260 | 0.277 | 0.0052 |
| | CONTROL-CHI | | | 32.0 | 10.99 | 3.94 | -9 | -9 | 9.500 | 0.189 | -8.0000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1335 | 5/19/94 | 32.0 | 8.46 | 4.97 | ns | NT | 4.900 | 0.107 | 0.0015 |

Neanthes arenaceodentata Weight Change Toxicity Test Data for Sediment

| STANUM | STATION | IDORG | DATE | LEG | NA_IJNH3 | NA_IUNH3 | NA_IH2S | NA_BATCH | NAQC |
|---------|--------------------------------|-------|---------|------|----------|----------|---------|----------|------|
| | CONTROL-CH3 | | | 25.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| | CONTROL-CH2 | | | 25.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| | CONTROL-CHI | | | 25.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 1 | 1044 | 2/2/94 | 25.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 2 | 1045 | 2/2/94 | 25.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 3 | 1046 | 2/2/94 | 25.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| | CONTROL-CHI | | | 26.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| | CONTROL-CH3 | | | 26.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| | CONTROL-CH2 | | | 26.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| | CONTROL-CH2 | | | 29.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| | CONTROL-CHI | | | 29.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| | CONTROL-CH3 | | | 29.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/31/94 | 29.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/31/94 | 29.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/31/94 | 29.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 1 | 1177 | 3/30/94 | 29.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 2 | 1178 | 3/30/94 | 29.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 3 | 1179 | 3/30/94 | 29.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| | CONTROL-CHI | | | 30.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| | CONTROL-CH2 | | | 30.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| | CONTROL-CH3 | | | 30.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 1 | 1195 | 4/12/94 | 30.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 2 | 1196 | 4/12/94 | 30.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |

Neanthes arenaceodentata Weight Change Toxicity Test Data for Sediment

| STANUM | STATION | IDORG | DATE | LEG | NA_ITNH3 | NA_IUNH3 | NA_IH2S | NA_BATCH | NAQC |
|---------|--------------------------------|-------|---------|------|----------|----------|---------|----------|------|
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 3 | 1197 | 4/12/94 | 30.0 | 10.000 | 0.049 | 0.0167 | -9 | -9 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 1 | 1201 | 4/12/94 | 30.0 | 26.000 | 0.191 | 0.0271 | -9 | -9 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 2 | 1202 | 4/12/94 | 30.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 3 | 1203 | 4/12/94 | 30.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 1 | 1204 | 4/12/94 | 30.0 | 31.000 | 0.267 | 1.4052 | -9 | -9 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 2 | 1205 | 4/12/94 | 30.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 3 | 1206 | 4/12/94 | 30.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| | CONTROL-CHI | | | 32.0 | -9.000 | -9.000 | -9.0000 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1335 | 5/19/94 | 32.0 | 4.200 | 0.025 | 0.0730 | -9 | -9 |

Section 11

Ampelisca abdita Survival in Sediment

Ampelisca abdita Survival Toxicity Test Data for Sediment

| STANUM | STATION | IDORG | DATE | LEG | AA_MN | AA_SD | AA_SG | AA_TOX | AA_BATCH | AAQC | AA_OTNH3 | AA_OUNH3 |
|---------|---------------------------------|-------|---------|------|-------|-------|-------|--------|------------|------|----------|----------|
| | CONTROL-C1 | | | | 92 | 13 | -9 | -9 | b036aasa01 | -5 | 1,200 | 0.074 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36.0 | 87 | 13 | ns | NT | b036aasa01 | -5 | 5,700 | 0.254 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36.0 | 0 | 0 | * | T | b036aasa01 | -5 | 26,000 | 1.990 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36.0 | 87 | 10 | ns | NT | b036aasa01 | -5 | 5,800 | 0.270 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36.0 | 76 | 13 | * | NT | b036aasa01 | -5 | 1,600 | 0.045 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36.0 | 95 | 5 | ns | NT | b036aasa01 | -5 | 1,300 | 0.036 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36.0 | 67 | 39 | ns | NT | b036aasa01 | -5 | 5,300 | 0.269 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36.0 | 4 | 5 | * | T | b036aasa01 | -5 | 21,000 | 1.242 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36.0 | 26 | 20 | * | T | b036aasa01 | -5 | 6,900 | 0.417 |
| 85015.0 | NEWPORT BAY (ARCHIES S. DRAINS) | 1426 | 9/19/94 | 36.0 | 77 | 16 | ns | NT | b036aasa01 | -5 | 1,900 | 0.100 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36.0 | 89 | 11 | ns | NT | b036aasa01 | -5 | 1,300 | 0.042 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36.0 | 93 | 6 | ns | NT | b036aasa01 | -5 | 2,600 | 0.135 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36.0 | 86 | 13 | ns | NT | b036aasa01 | -5 | 3,700 | 0.154 |

Ampelisca abdita Survival Toxicity Test Data for Sediment

| STANUM | STATION | IDORG | DATE | LFG | AA_OH2S | AA_ITNH3 | AA_IUNH3 | AA_IH2S |
|---------|--------------------------------|-------|---------|------|---------|----------|----------|---------|
| | CONTROL-CI | | | 36.0 | -8.0000 | -9.000 | -9.000 | -9.0000 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36.0 | -8.0000 | -9.000 | -9.000 | -9.0000 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36.0 | 0.0054 | -9.000 | -9.000 | -9.0000 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36.0 | -8.0000 | -9.000 | -9.000 | -9.0000 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36.0 | -8.0000 | -9.000 | -9.000 | -9.0000 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36.0 | -8.0000 | -9.000 | -9.000 | -9.0000 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36.0 | -8.0000 | -9.000 | -9.000 | -9.0000 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36.0 | -8.0000 | -9.000 | -9.000 | -9.0000 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36.0 | -8.0000 | -9.000 | -9.000 | -9.0000 |
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36.0 | -8.0000 | -9.000 | -9.000 | -9.0000 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36.0 | -8.0000 | -9.000 | -9.000 | -9.0000 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36.0 | -8.0000 | -9.000 | -9.000 | -9.0000 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36.0 | 0.0006 | -9.000 | -9.000 | -9.0000 |

Section 12

Ceriodaphnia dubia Survival in Intact Sediment Cores

Ceriodaphnia dubia Development Toxicity Test Data for Intact Sediment Cores

| STANUM | STATION | IDORG | DATE | LEG | CDSI_MN | CDSI_SD | CDSI_SG | CDSI_TOX | CDSI_BATCH | CDSIQC |
|---------|-------------------------|-------|---------|------|------------|------------|-----------|------------|------------|------------|
| | CONTROL-CI | | | | 88 | 8 | -9 | -9 | 154tcdswi | -3 |
| 86001.0 | SAN DIEGO CREEK- CAMPUS | 1789 | 8/20/97 | 54.0 | 94 | 13 | ns | NT | 154tcdswi | -3 |
| STANUM | STATION | IDORG | DATE | LEG | CDSI_OTNH3 | CDSI_OUNH3 | CDSI_OH2S | CDSI_OHDLO | CDSI_OHDHI | CDSI_OCYHI |
| | CONTROL-CI | | | | 0.620 | 0.225 | 0.0048 | 35 | -9 | 218 |
| 86001.0 | SAN DIEGO CREEK- CAMPUS | 1789 | 8/20/97 | 54.0 | 6.900 | 0.661 | 0.0074 | 70 | -9 | 1770 |

Hyalella azteca Development Toxicity Test Data for Sediment

| STATION | STATION | IDORG | DATE | LEG | HA_MN | HA_SD | HA_SG | HA_TOX | HA_BATCH | HAQC | HA_OTNH3 | HA_OUNH3 | HA_ITNH3 |
|---------|-------------------------------|-------|----------|------|-------|-------|-------|--------|----------|------|----------|----------|----------|
| 80024.1 | ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 80024.2 | ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 80024.3 | ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 80026.1 | HUNTINGTON HARBOR- LOWER | 91 | 9/15/92 | 4.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 80026.2 | HUNTINGTON HARBOR- LOWER | 92 | 9/15/92 | 4.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 80026.3 | HUNTINGTON HARBOR- LOWER | 93 | 9/15/92 | 4.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 80027.1 | HUNTINGTON HARBOR- MIDDLE | 94 | 9/15/92 | 4.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 80027.2 | HUNTINGTON HARBOR- MIDDLE | 95 | 9/15/92 | 4.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 80027.3 | HUNTINGTON HARBOR- MIDDLE | 96 | 9/15/92 | 4.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 80028.1 | HUNTINGTON HARBOR- UPPER | 97 | 9/15/92 | 4.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 80028.2 | HUNTINGTON HARBOR- UPPER | 98 | 9/15/92 | 4.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 80028.3 | HUNTINGTON HARBOR- UPPER | 99 | 9/15/92 | 4.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 80025.1 | ANAHEIM BAY- OIL ISLAND | 88 | 10/14/92 | 5.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 80025.2 | ANAHEIM BAY- OIL ISLAND | 89 | 10/14/92 | 5.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 80025.3 | ANAHEIM BAY- OIL ISLAND | 90 | 10/14/92 | 5.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82006.0 | HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE | 423 | 12/11/92 | 9.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82024.0 | BOLSA BAY-MOUTH OF ECGW | 424 | 12/10/92 | 9.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 80024.3 | ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| | CONTROL-CH3 | | | 25.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| | CONTROL-CH2 | | | 25.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |

Section 13

Hyalella azteca Survival in Sediment

Hyalella azteca Development Toxicity Test Data for Sediment

| STANUM | STATION | IDORG | DATE | LEG | HA_MN | HA_SD | HA_SG | HA_TOX | HA_BATCH | HAQC | HA_OTNH3 | HA_OUNH3 | HA_ITNH3 |
|---------|--------------------------------|-------|---------|------|-------|-------|-------|--------|----------|------|----------|----------|----------|
| | CONTROL-CHI | | | 25.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 1 | 1044 | 2/2/94 | 25.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 2 | 1045 | 2/2/94 | 25.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 3 | 1046 | 2/2/94 | 25.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| | CONTROL-CHI | | | 26.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| | CONTROL-CH3 | | | 26.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| | CONTROL-CH2 | | | 26.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| | CONTROL-CH2 | | | 29.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| | CONTROL-CHI | | | 29.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| | CONTROL-CH3 | | | 29.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/31/94 | 29.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/31/94 | 29.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/31/94 | 29.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 1 | 1177 | 3/30/94 | 29.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 2 | 1178 | 3/30/94 | 29.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 3 | 1179 | 3/30/94 | 29.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| | CONTROL-CHI | | | 30.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| | CONTROL-CH2 | | | 30.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| | CONTROL-CH3 | | | 30.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 1 | 1195 | 4/12/94 | 30.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 2 | 1196 | 4/12/94 | 30.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 3 | 1197 | 4/12/94 | 30.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 1 | 1201 | 4/12/94 | 30.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 2 | 1202 | 4/12/94 | 30.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9,000 | -9,000 | -9,000 |

Hydrella azteca Development Toxicity Test Data for Sediment

| STANUM | STATION | IDORG | DATE | LEG | HA_MN | HA_SD | HA_SG | HA_TOX | HA_BATCH | HAQC | HA_OTNH3 | HA_OUNH3 | HA_ITNH3 |
|---------|--------------------------------|-------|---------|------|-------|-------|-------|--------|----------|------|----------|----------|----------|
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 3 | 1203 | 4/12/94 | 30.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 1 | 1204 | 4/12/94 | 30.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 2 | 1205 | 4/12/94 | 30.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 3 | 1206 | 4/12/94 | 30.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| | CONTROL-CH2 | | | 32.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| | CONTROL-CH3 | | | 32.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| | CONTROL-CHI | | | 32.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1335 | 5/19/94 | 32.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| | CONTROL-CI | | | 34.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 9/1/94 | 34.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| | CONTROL-CI | | | 36.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| | CONTROL-CI | | | 45.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| | CONTROL-C2 | | | 45.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 85011.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| | CONTROL-CI | | | 54.0 | 92 | 8 | -9 | -9 | 154tha | -4 | 1.400 | 0.032 | -9.000 |
| 85001.0 | NEWPORT BAY (523) | 1788 | 8/20/97 | 54.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 86001.0 | SAN DIEGO CREEK- CAMPUS | 1789 | 8/20/97 | 54.0 | 96 | 5 | ns | NT | 154tha | -4 | 1.800 | 0.624 | 7.000 |
| 86002.0 | SAN DIEGO CREEK- MACARTHUR | 1790 | 8/20/97 | 54.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 86003.0 | SANTA ANA/DELHI CHANNEL-BRIDGE | 1791 | 8/20/97 | 54.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |
| 86004.0 | SANTA ANA/DELHI CHANNEL-OUTER | 1792 | 8/20/97 | 54.0 | -9 | -9 | -9 | -9 | -9 | -9 | -9.000 | -9.000 | -9.000 |

Hyadella azteca Development Toxicity Test Data for Sediment

| STANUM | STATION | IDORG | DATE | LEG | HA_IUNH3 | HA_IH2S | HA_OHDLO | HA_OHDHI | HA_OCYHI | MB_META | TIE_META |
|---------|-------------------------------|-------|----------|------|----------|---------|----------|----------|----------|---------|----------|
| 80024.1 | ANAHEIM BAY- OUTER | 85 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80024.2 | ANAHEIM BAY- OUTER | 86 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80024.3 | ANAHEIM BAY- OUTER | 87 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80026.1 | HUNTINGTON HARBOR- LOWER | 91 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80026.2 | HUNTINGTON HARBOR- LOWER | 92 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80026.3 | HUNTINGTON HARBOR- LOWER | 93 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80027.1 | HUNTINGTON HARBOR- MIDDLE | 94 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80027.2 | HUNTINGTON HARBOR- MIDDLE | 95 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80027.3 | HUNTINGTON HARBOR- MIDDLE | 96 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80028.1 | HUNTINGTON HARBOR- UPPER | 97 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80028.2 | HUNTINGTON HARBOR- UPPER | 98 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80028.3 | HUNTINGTON HARBOR- UPPER | 99 | 9/15/92 | 4.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80025.1 | ANAHEIM BAY- OIL ISLAND | 88 | 10/14/92 | 5.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80025.2 | ANAHEIM BAY- OIL ISLAND | 89 | 10/14/92 | 5.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80025.3 | ANAHEIM BAY- OIL ISLAND | 90 | 10/14/92 | 5.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH | 401 | 12/11/92 | 9.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 402 | 12/11/92 | 9.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82003.0 | ANEHEIM BAY-ENTRANCE | 403 | 12/11/92 | 9.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82004.0 | ANAHEIM BAY-FUEL DOCK S. | 404 | 12/10/92 | 9.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH | 405 | 12/10/92 | 9.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82006.0 | HUNTINGTON HARBOR-PETER'S | 406 | 12/10/92 | 9.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 409 | 12/10/92 | 9.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 420 | 12/11/92 | 9.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82021.0 | SEAL BEACH NWR-HOG IS. | 421 | 12/11/92 | 9.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82022.0 | SEAL BEACH NWR-SUNSET AGU | 422 | 12/11/92 | 9.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE | 423 | 12/11/92 | 9.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW | 424 | 12/10/92 | 9.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 430 | 12/10/92 | 9.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82039.0 | BOLSA CHICA ECOL RESERVE | 439 | 12/10/92 | 9.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82040.0 | SEAL BEACH NWR | 440 | 12/11/92 | 9.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82020.0 | SEAL BEACH NWR-NASA IS. | 769 | 4/22/93 | 17.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82024.0 | BOLSA BAY-MOUTH OF EGGW FLOOD | 770 | 4/21/93 | 17.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE. | 771 | 4/22/93 | 17.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 772 | 4/22/93 | 17.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80024.3 | ANAHEIM BAY- OUTER | 807 | 5/27/93 | 19.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82009.0 | HUNTINGTON HARBOR-HAR. LA | 808 | 5/27/93 | 19.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2 | 809 | 5/27/93 | 19.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| | CONTROL-CH3 | | | 25.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| | CONTROL-CH2 | | | 25.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |

Hyalella azteca Development Toxicity Test Data for Sediment

| STANUM | STATION | IDORG | DATE | LEG | HA_IUNH3 | HA_IH2S | HA_OHDLO | HA_OHDHI | HA_OCYHI | MB_META | TIE_META |
|---------|--------------------------------|-------|---------|------|----------|---------|----------|----------|----------|---------|----------|
| | CONTROL-CHI | | | 25.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 1 | 1044 | 2/2/94 | 25.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 2 | 1045 | 2/2/94 | 25.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.- REP 3 | 1046 | 2/2/94 | 25.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| | CONTROL-CHI | | | 26.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| | CONTROL-CH3 | | | 26.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| | CONTROL-CH2 | | | 26.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 1 | 1086 | 2/16/94 | 26.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 2 | 1087 | 2/16/94 | 26.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82001.0 | ANAHEIM BAY-NAVY MARSH-REP 3 | 1088 | 2/16/94 | 26.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP1 | 1089 | 2/16/94 | 26.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP2 | 1090 | 2/16/94 | 26.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82002.0 | ANAHEIM BAY-NAVY MARSH #2-REP3 | 1091 | 2/16/94 | 26.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 1 | 1092 | 2/16/94 | 26.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 2 | 1093 | 2/16/94 | 26.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82023.0 | SEAL BEACH NWR-BOLSA AVE-REP 3 | 1094 | 2/16/94 | 26.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82040.0 | SEAL BEACH NWR-REP 1 | 1095 | 2/16/94 | 26.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82040.0 | SEAL BEACH NWR-REP 2 | 1096 | 2/16/94 | 26.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82040.0 | SEAL BEACH NWR-REP 3 | 1097 | 2/16/94 | 26.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| | CONTROL-CH2 | | | 29.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| | CONTROL-CHI | | | 29.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| | CONTROL-CH3 | | | 29.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 1 | 1171 | 3/31/94 | 29.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 2 | 1172 | 3/31/94 | 29.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80024.3 | ANAHEIM BAY, OUTER-REP 3 | 1173 | 3/31/94 | 29.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 1 | 1174 | 3/30/94 | 29.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 2 | 1175 | 3/30/94 | 29.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80028.3 | HUNTINGTON HARBOR, UPPER-REP 3 | 1176 | 3/30/94 | 29.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 1 | 1177 | 3/30/94 | 29.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 2 | 1178 | 3/30/94 | 29.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 80027.3 | HUNTINGTON HARBOR,MIDDLE-REP 3 | 1179 | 3/30/94 | 29.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| | CONTROL-CHI | | | 30.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| | CONTROL-CH2 | | | 30.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| | CONTROL-CH3 | | | 30.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 1 | 1195 | 4/12/94 | 30.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 2 | 1196 | 4/12/94 | 30.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RES.-REP 3 | 1197 | 4/12/94 | 30.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 1 | 1201 | 4/12/94 | 30.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 2 | 1202 | 4/12/94 | 30.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |

Hyalella azteca Development Toxicity Test Data for Sediment

| STANUM | STATION | IDORG | DATE | LEG | HA_IUNH3 | HA_IH2S | HA_OHDLO | HA_OHDHI | HA_OCYHI | MB META | TIE META |
|---------|--------------------------------|-------|---------|------|----------|---------|----------|----------|----------|---------|----------|
| 82005.0 | HUNTINGTON HARBOR-LAUNCH-REP 3 | 1203 | 4/12/94 | 30.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 1 | 1204 | 4/12/94 | 30.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 2 | 1205 | 4/12/94 | 30.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82039.0 | BOLSA CHICA ECOL RESERVE-REP 3 | 1206 | 4/12/94 | 30.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| | CONTROL-CH2 | | | 32.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| | CONTROL-CH3 | | | 32.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| | CONTROL-CHI | | | 32.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 82030.0 | ANAHEIM BAY-NAVAL RESERVE | 1335 | 5/19/94 | 32.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| | CONTROL-C1 | | | 34.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 85001.0 | NEWPORT BAY (523) | 1387 | 9/1/94 | 34.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 85002.0 | NEWPORT BAY (616) | 1388 | 9/1/94 | 34.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 85003.0 | NEWPORT BAY (791) | 1389 | 8/31/94 | 34.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 85004.0 | NEWPORT BAY (877) | 1390 | 9/1/94 | 34.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 85005.0 | NEWPORT BAY (949) | 1391 | 8/31/94 | 34.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 85006.0 | NEWPORT BAY (1009) | 1392 | 9/1/94 | 34.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| | CONTROL-C1 | | | 36.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 85007.0 | NEWPORT BAY (431) | 1418 | 9/19/94 | 36.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 85008.0 | NEWPORT BAY (670) | 1419 | 9/20/94 | 36.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 85009.0 | NEWPORT BAY (705) | 1420 | 9/20/94 | 36.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 85010.0 | NEWPORT BAY (819) | 1421 | 9/19/94 | 36.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 85011.0 | NEWPORT BAY (905) | 1422 | 9/20/94 | 36.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 85012.0 | NEWPORT BAY (1064) | 1423 | 9/19/94 | 36.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 9/19/94 | 36.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 85014.0 | NEWPORT BAY (NEWPORT ISLAND) | 1425 | 9/19/94 | 36.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 85015.0 | NEWPORT BAY (ARCHES S. DRAINS) | 1426 | 9/19/94 | 36.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 85016.0 | NEWPORT BAY (YACHTMANS COVE) | 1427 | 9/20/94 | 36.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 85017.0 | NEWPORT BAY (UNIT II BASIN) | 1428 | 9/19/94 | 36.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 85018.0 | NEWPORT BAY (UNIT I BASIN) | 1429 | 9/19/94 | 36.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| | CONTROL-C1 | | | 45.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| | CONTROL-C2 | | | 45.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 85013.0 | NEWPORT BAY (RHINE CHANNEL) | 1633 | 6/20/96 | 45.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 85011.0 | NEWPORT BAY (523) | 1634 | 6/20/96 | 45.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| | CONTROL-C1 | | | 54.0 | -9.0000 | -9.0000 | 130 | 136 | 782 | -9 | -9 |
| 85001.0 | NEWPORT BAY (523) | 1788 | 8/20/97 | 54.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 86001.0 | SAN DIEGO CREEK- CAMPUS | 1789 | 8/20/97 | 54.0 | 0.032 | 0.0028 | 115 | 194 | 1536 | -9 | -9 |
| 86002.0 | SAN DIEGO CREEK- MACARTHUR | 1790 | 8/20/97 | 54.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 86003.0 | SANTA ANA/DELHI CHANNEL-BRIDGE | 1791 | 8/20/97 | 54.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |
| 86004.0 | SANTA ANA/DELHI CHANNEL-OUTER | 1792 | 8/20/97 | 54.0 | -9.0000 | -9.0000 | -9 | -9 | -9 | -9 | -9 |

Appendix F
Benthic Community Data

Benthic Community Data

STANUM 80024.1 STATION ANAHEIM BAY, OUTER IDORG 4 DATE 09/15/92

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|-------------------------------|-------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|---------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mcan | median | min | max | St.Dev. | S.E. | 95%CL | sum |
| Acmira catherinae | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Amphicteis scaphobranchiata | Polychaeta | 0 | 1 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Cossura candida | Polychaeta | 7 | 11 | 2 | | | 6.7 | 6.5 | 2 | 11 | 4.5 | 2.6 | 10.1 | 20 |
| Eranno lagunae | Polychaeta | 0 | 2 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Euclymeninae spp. indet. | Polychaeta | 0 | 2 | 1 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Glycera americana | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Leitoscoloplos pugettensis | Polychaeta | 1 | 3 | 0 | | | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| Maldane glebifex | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Malmgreniella macginitiei | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Mediomastus californiensis | Polychaeta | 7 | 6 | 8 | | | 7.0 | 7.0 | 6 | 8 | 1.0 | 0.6 | 2.3 | 21 |
| Monticellina dorsobranchialis | Polychaeta | 1 | 2 | 2 | | | 1.7 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 5 |
| Monticellina sp. C | Polychaeta | 1 | 5 | 1 | | | 2.3 | 3.0 | 1 | 5 | 2.3 | 1.3 | 5.2 | 7 |
| Nereis procer | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Paraprionospio pinnata | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Pectinaria californiensis | Polychaeta | 2 | 0 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Phyllodoce hartmanae | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Pista alata | Polychaeta | 0 | 1 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Praxillella pacifica | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Prionospio lighti | Polychaeta | 2 | 2 | 6 | | | 3.3 | 4.0 | 2 | 6 | 2.3 | 1.3 | 5.2 | 10 |
| Scoletoma erecta | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Sigambra tentaculata | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Spiophanes missionensis | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Streblosoma sp. B | Polychaeta | 1 | 1 | 0 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| nemertea | Nemertea | 3 | 3 | 1 | | | 2.3 | 2.0 | 1 | 3 | 1.2 | 0.7 | 2.6 | 7 |
| Bathyleberis californica | Ostracoda | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Euphitomedes carcharodonta | Ostracoda | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Monoculodes hartmanae | Amphipoda | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Crangon sp. | Decapoda | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Pinnixa longipes | Decapoda | 0 | 2 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Tagelus subteres | Bivalvia | 2 | 0 | 1 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Myssella tumida | Bivalvia | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Cylichna diegensis | Gastropoda | 2 | 0 | 1 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Amphiodia sp. | Ophiuroidea | 1 | 0 | 2 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Ophiuroidea | Ophiuroidea | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |

Benthic Community Data

| | 38 | 44 | 33 | 38.3 | 38.5 | 33 | 44 | 5.5 | 3.2 | 12.4 | 115 |
|-------------------------|----|----|----|------|------|----|----|-----|-----|------|-----|
| TOTAL INDIVIDUALS | 34 | 20 | 18 | 18.0 | 18.0 | 16 | 20 | 2.0 | 1.2 | 4.5 | 54 |
| TOTAL SPECIES | 3 | 2 | 1 | 2.0 | 2.0 | 1 | 3 | 1.0 | 0.6 | 2.3 | 6 |
| TOTAL CRUST. INDIV. | 5 | 3 | 1 | 1.7 | 2.0 | 1 | 3 | 1.2 | 0.7 | 2.6 | 5 |
| TOTAL CRUST. SP. | 1 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| GAMMARID INDIV. | 1 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| GAMMARID SP. | 2 | 2 | 1 | 1.7 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 5 |
| OTHER CRUSTACEAN INDIV. | 4 | 2 | 1 | 1.3 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 4 |
| OTHER CRUSTACEAN SP. | 1 | 1 | 0 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| TOTAL ECHINODERM INDIV. | 1 | 1 | 0 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| TOTAL ECHINODERM SP. | 4 | 0 | 3 | 2.3 | 2.0 | 0 | 4 | 2.1 | 1.2 | 4.7 | 7 |
| TOTAL MOLLUSC INDIV. | 3 | 2 | 0 | 1.7 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 5 |
| TOTAL MOLLUSC SP. | 27 | 39 | 25 | 30.3 | 32.0 | 25 | 39 | 7.6 | 4.4 | 17.0 | 91 |
| TOTAL POLYCHAETE INDIV. | 23 | 13 | 14 | 12.7 | 12.5 | 11 | 14 | 1.5 | 0.9 | 3.4 | 38 |
| TOTAL POLYCHAETE SP. | | | | | | | | | | | |

STANUM 80024.2 STATION ANAHEIM BAY, OUTER IDORG 86 LEG 4 DATE 09/15/92

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|-------------------------------|------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Amaeana occidentalis | Polychaeta | 0 | 1 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Amphiteis scaphobranchiata | Polychaeta | 3 | 0 | 0 | 0 | 0 | 1.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 3 |
| Chaetozone corona | Polychaeta | 5 | 1 | 2 | 2 | 2 | 2.7 | 3.0 | 1 | 5 | 2.1 | 1.2 | 4.7 | 8 |
| Cossura candida | Polychaeta | 43 | 49 | 27 | 27 | 27 | 39.7 | 38.0 | 27 | 49 | 11.4 | 6.6 | 25.6 | 119 |
| Euchone limnicola | Polychaeta | 17 | 5 | 19 | 5 | 19 | 13.7 | 12.0 | 5 | 19 | 7.6 | 4.4 | 17.0 | 41 |
| Euclymeninae spp. indet. | Polychaeta | 0 | 1 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Eumida spp. juv. | Polychaeta | 0 | 0 | 1 | 1 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Glycera americana | Polychaeta | 0 | 0 | 1 | 1 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Glycinde armigera | Polychaeta | 1 | 0 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Leitoscoloplos pugettensis | Polychaeta | 20 | 9 | 9 | 9 | 9 | 12.7 | 14.5 | 9 | 20 | 6.4 | 3.7 | 14.3 | 38 |
| Mediomastus californiensis | Polychaeta | 12 | 18 | 17 | 17 | 17 | 15.7 | 15.0 | 12 | 18 | 3.2 | 1.9 | 7.2 | 47 |
| Monticellina dorsobranchialis | Polychaeta | 8 | 5 | 1 | 1 | 1 | 4.7 | 4.5 | 1 | 8 | 3.5 | 2.0 | 7.9 | 14 |
| Monticellina sp. C | Polychaeta | 2 | 3 | 9 | 9 | 9 | 4.7 | 5.5 | 2 | 9 | 3.8 | 2.2 | 8.5 | 14 |
| Nephtys cornuta | Polychaeta | 6 | 3 | 14 | 14 | 14 | 7.7 | 8.5 | 3 | 14 | 5.7 | 3.3 | 12.8 | 23 |
| Notomastus tenuis | Polychaeta | 1 | 0 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Paraprionospio pinnata | Polychaeta | 0 | 0 | 1 | 1 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Prionospio heterobranchia | Polychaeta | 2 | 0 | 0 | 0 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Prionospio lighti | Polychaeta | 0 | 2 | 2 | 2 | 2 | 1.3 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 4 |
| Sphaerosyllis californiensis | Polychaeta | 0 | 2 | 0 | 0 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |

Benthic Community Data

| | 1 | 0 | 2 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
|--------------------------------|-----|----|-----|-------|-------|----|-----|------|-----|------|-----|
| nemertea | 1 | 0 | 2 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Euphilomedes carcharodonta | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Rudilernbooides stenopropodus | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Laevicardium substriatum | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| TOTAL INDIVIDUALS | 121 | 99 | 108 | 109.3 | 110.0 | 99 | 121 | 11.1 | 6.4 | 24.9 | 328 |
| TOTAL SPECIES | 23 | 13 | 16 | 13.7 | 14.0 | 12 | 16 | 2.1 | 1.2 | 4.7 | 41 |
| TOTAL CRUST. INDIV. | 0 | 0 | 2 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| TOTAL CRUST. SP. | 2 | 0 | 2 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| GAMMARID INDIV. | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| GAMMARID SP. | 1 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| OTHER CRUSTACEAN INDIV. | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| OTHER CRUSTACEAN SP. | 1 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| TOTAL ECHINODERM INDIV. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM SP. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL MOLLUSC INDIV. | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| TOTAL MOLLUSC SP. | 1 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| TOTAL POLYCHAETE INDIV. | 120 | 99 | 103 | 107.3 | 109.5 | 99 | 120 | 11.2 | 6.4 | 25.1 | 322 |
| TOTAL POLYCHAETE SP. | 19 | 12 | 12 | 12.0 | 12.0 | 12 | 12 | 0.0 | 0.0 | 0.0 | 36 |

STANUM 80024.3 IDORG 87 LEG 4 DATE 09/15/92
 STATION ANAHEIM BAY, OUTER

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|-------------------------------|------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|----------|------|-------|------|----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | max | St. Dev. | S.E. | 95%CL | sum | |
| Acmira catherinae | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| Amphicteis scaphobranchiata | Polychaeta | 2 | 2 | 0 | | | 1.3 | 1.0 | 2 | 1.2 | 0.7 | 2.6 | 4 | |
| Capitella capitata | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| Chaetozone corona | Polychaeta | 1 | 2 | 0 | | | 1.0 | 1.0 | 2 | 1.0 | 0.6 | 2.3 | 3 | |
| Chaetozone sp. 1 | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| Cossura candida | Polychaeta | 14 | 22 | 25 | | | 20.3 | 19.5 | 14 | 25 | 5.7 | 3.3 | 12.8 | 61 |
| Eranno lagunae | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| Euchone limnicola | Polychaeta | 6 | 4 | 2 | | | 4.0 | 4.0 | 2 | 6 | 2.0 | 1.2 | 4.5 | 12 |
| Eumida longicornuta | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| Leitoscoloplos pugettensis | Polychaeta | 4 | 4 | 1 | | | 3.0 | 2.5 | 1 | 4 | 1.7 | 1.0 | 3.9 | 9 |
| Malmgreniella spp. juv. | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| Mediomastus californiensis | Polychaeta | 9 | 16 | 13 | | | 12.7 | 12.5 | 9 | 16 | 3.5 | 2.0 | 7.9 | 38 |
| Monticellina dorsobranchialis | Polychaeta | 1 | 4 | 4 | | | 3.0 | 2.5 | 1 | 4 | 1.7 | 1.0 | 3.9 | 9 |
| Monticellina sp. C | Polychaeta | 4 | 5 | 3 | | | 4.0 | 4.0 | 3 | 5 | 1.0 | 0.6 | 2.3 | 12 |
| Nephtys cornuta | Polychaeta | 4 | 4 | 4 | | | 4.0 | 4.0 | 4 | 4 | 0.0 | 0.0 | 0.0 | 12 |

Benthic Community Data

| | | | | | | | | | | | | |
|--------------------------------|----|----|----|------|------|----|----|------|-----|------|-----|-----|
| Notomastus tenuis | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Pronospio heterobranchia | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | 1 |
| Pronospio lighti | 23 | 21 | 5 | 16.3 | 14.0 | 5 | 23 | 9.9 | 5.7 | 22.2 | 49 | 49 |
| Scolotoma erecta | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | 1 |
| Sphaerosyllis californiensis | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | 1 |
| Spiochaetopterus costarum | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | 1 |
| Spiophanes missionensis | 0 | 0 | 2 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 | 2 |
| nemertea | 1 | 2 | 0 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 | 3 |
| Bathyleberis californica | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | 1 |
| Rudilemboides stenopropodus | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | 1 |
| Aglajidae | 0 | 1 | 1 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 | 2 |
| Ophiuroidea | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | 1 |
| Bivalvia | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | 1 |
| Bivalvia | 1 | 0 | 1 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | 1 |
| TOTAL INDIVIDUALS | 76 | 91 | 66 | 77.7 | 78.5 | 66 | 91 | 12.6 | 7.3 | 28.3 | 233 | 233 |
| TOTAL SPECIES | 29 | 18 | 16 | 16.7 | 17.0 | 16 | 18 | 1.2 | 0.7 | 2.6 | 50 | 50 |
| TOTAL CRUST. INDIV. | 1 | 1 | 0 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 | 2 |
| TOTAL CRUST. SP. | 2 | 1 | 1 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 | 2 |
| GAMMARID INDIV. | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | 1 |
| GAMMARID SP. | 1 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | 1 |
| OTHER CRUSTACEAN INDIV. | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | 1 |
| OTHER CRUSTACEAN SP. | 1 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | 1 |
| TOTAL ECHINODERM INDIV. | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | 1 |
| TOTAL ECHINODERM SP. | 1 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | 1 |
| TOTAL MOLLUSC INDIV. | 1 | 2 | 2 | 1.7 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 5 | 5 |
| TOTAL MOLLUSC SP. | 3 | 1 | 2 | 1.7 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 5 | 5 |
| TOTAL POLYCHAETE INDIV. | 73 | 85 | 64 | 74.0 | 74.5 | 64 | 85 | 10.5 | 6.1 | 23.7 | 222 | 222 |
| TOTAL POLYCHAETE SP. | 22 | 15 | 11 | 13.3 | 13.0 | 11 | 15 | 2.1 | 1.2 | 4.7 | 40 | 40 |

STANUM 80024.4 IDORG 4 LEG 4 DATE 09/15/92

STATION ANAHEIM BAY, OUTER

| SPECIES | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|-----------------------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Amacana occidentalis | 0 | 0 | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Amphicteis scaphobranchiata | 2 | 4 | 4 | 4 | 4 | 3.3 | 3.0 | 2 | 4 | 1.2 | 0.7 | 2.6 | 10 |
| Aphelochaeta monilaris | 1 | 0 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Chaetozone corona | 3 | 0 | 1 | 1 | 1 | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| Cossura candida | 20 | 20 | 29 | 29 | 29 | 23.0 | 24.5 | 20 | 29 | 5.2 | 3.0 | 11.7 | 69 |

Benthic Community Data

STANUM 80026.1 STATION HUNTINGTON HARBOR, LOWER IDORG 91 LEG 4 DATE 09/15/92

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|--------------------------------|-------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Amphictes scaphobranchiata | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Aphelocheata multifilis | Polychaeta | 2 | 1 | 2 | | | 1.7 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 5 |
| Apoprionospio pygmaea | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Cirriformia spirabranchia | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Euchone limnicola | Polychaeta | 1 | 0 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Euclymeninae spp. indet. | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Fabricinuda limnicola | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Goniada littorea | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Leitoscoloplos pugettensis | Polychaeta | 5 | 2 | 2 | | | 3.0 | 3.5 | 2 | 5 | 1.7 | 1.0 | 3.9 | 9 |
| Marphysa sp. A | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Mediomastus californiensis | Polychaeta | 31 | 31 | 30 | | | 30.7 | 30.5 | 30 | 31 | 0.6 | 0.3 | 1.3 | 92 |
| Monticellina sp. C | Polychaeta | 3 | 0 | 0 | | | 1.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 3 |
| Nephtys caecoides | Polychaeta | 1 | 0 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Pista alata | Polychaeta | 0 | 3 | 2 | | | 1.7 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 5 |
| Prionospio heterobranchia | Polychaeta | 5 | 3 | 10 | | | 6.0 | 6.5 | 3 | 10 | 3.6 | 2.1 | 8.1 | 18 |
| Prionospio lighti | Polychaeta | 0 | 0 | 13 | | | 4.3 | 6.5 | 0 | 13 | 7.5 | 4.3 | 16.9 | 13 |
| Pseudopolydora paucibranchiata | Polychaeta | 3 | 2 | 0 | | | 1.7 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 5 |
| Sabellidae spp. indet. | Polychaeta | 0 | 1 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Scoletoma erecta | Polychaeta | 1 | 0 | 5 | | | 2.0 | 2.5 | 0 | 5 | 2.6 | 1.5 | 6.0 | 6 |
| Sphaerosyllis californiensis | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Spiophanes missionensis | Polychaeta | 0 | 2 | 1 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| nemertea | Nemertea | 1 | 1 | 6 | | | 2.7 | 3.5 | 1 | 6 | 2.9 | 1.7 | 6.5 | 8 |
| oligochaeta | Oligochaeta | 7 | 6 | 2 | | | 5.0 | 4.5 | 2 | 7 | 2.6 | 1.5 | 6.0 | 15 |
| Rudilimbooides stenopropodus | Amphipoda | 22 | 2 | 14 | | | 12.7 | 12.0 | 2 | 22 | 10.1 | 5.8 | 22.6 | 38 |
| Mayerella banksia | Amphipoda | 2 | 3 | 2 | | | 2.3 | 2.5 | 2 | 3 | 0.6 | 0.3 | 1.3 | 7 |
| Leptochelia dubia | Tanaidacea | 2 | 0 | 1 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Amphideutopus oculatus | Amphipoda | 1 | 1 | 0 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Bathyleberis californica | Ostracoda | 0 | 1 | 2 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Paranthurus elegans | Isopoda | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Isaidae sp. | Amphipoda | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Microdeutopus schmitti | Amphipoda | 0 | 0 | 3 | | | 1.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 3 |
| Lophopanopeus bellus | Decapoda | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Protothaca staminea | Bivalvia | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |

Benthic Community Data

| | 0 | 0 | 0 | 2 | 2 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 |
|--------------------------------|----|----|-----|-----|-----|------|------|----|-----|------|------|------|
| Tagelus subteres | | | | | | | | | | | | |
| Macra californica | 2 | 3 | 0 | 0 | 3 | 1.7 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 |
| Musculista senhousiei | 0 | 0 | 1 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 |
| Tellina modesta | 0 | 0 | 1 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 |
| Amphiodia sp. | 0 | 1 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 |
| Molpadia | 0 | 1 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 |
| TOTAL INDIVIDUALS | 89 | 69 | 109 | 109 | 109 | 89.0 | 89.0 | 69 | 109 | 20.0 | 11.5 | 45.0 |
| TOTAL SPECIES | 39 | 16 | 22 | 28 | 28 | 22.0 | 22.0 | 16 | 28 | 6.0 | 3.5 | 13.5 |
| TOTAL CRUST. INDIV. | 27 | 9 | 23 | 23 | 23 | 19.7 | 18.0 | 9 | 27 | 9.5 | 5.5 | 21.3 |
| TOTAL CRUST. SP. | 4 | 6 | 6 | 6 | 6 | 5.3 | 5.0 | 4 | 6 | 1.2 | 0.7 | 2.6 |
| GAMMARID INDIV. | 25 | 7 | 19 | 19 | 19 | 17.0 | 16.0 | 7 | 25 | 9.2 | 5.3 | 20.6 |
| GAMMARID SP. | 3 | 4 | 3 | 3 | 3 | 3.3 | 3.5 | 3 | 4 | 0.6 | 0.3 | 1.3 |
| OTHER CRUSTACEAN INDIV. | 2 | 2 | 4 | 4 | 4 | 2.7 | 3.0 | 2 | 4 | 1.2 | 0.7 | 2.6 |
| OTHER CRUSTACEAN SP. | 1 | 2 | 3 | 3 | 3 | 2.0 | 2.0 | 1 | 3 | 1.0 | 0.6 | 2.3 |
| TOTAL ECHINODERM INDIV. | 0 | 1 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 |
| TOTAL ECHINODERM SP. | 0 | 1 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 |
| TOTAL MOLLUSC INDIV. | 2 | 3 | 5 | 5 | 5 | 3.3 | 3.5 | 2 | 5 | 1.5 | 0.9 | 3.4 |
| TOTAL MOLLUSC SP. | 1 | 1 | 1 | 1 | 1 | 2.0 | 2.5 | 1 | 1 | 1.7 | 1.0 | 3.9 |
| TOTAL POLYCHAETE INDIV. | 52 | 48 | 73 | 73 | 73 | 57.7 | 60.5 | 48 | 73 | 13.4 | 7.8 | 30.2 |
| TOTAL POLYCHAETE SP. | 21 | 9 | 11 | 16 | 16 | 12.0 | 12.5 | 9 | 16 | 3.6 | 2.1 | 8.1 |

STANUM 80026.2 IVORG 92 L&G 4 DATE 09/15/92
 STATION HUNTINGTON HARBOR, LOWER

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|--------------------------|------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Acmira catherinae | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Apopriospio pygmaea | Polychaeta | 3 | 1 | 0 | | | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| Brania brevipharyngea | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Chaetozone corona | Polychaeta | 1 | 0 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Chaetozone sp. 1 | Polychaeta | 2 | 0 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Cirriformia spirabrancha | Polychaeta | 1 | 0 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Diopatra spp. juv. | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Dorvillea longicornis | Polychaeta | 4 | 1 | 1 | | | 2.0 | 2.5 | 1 | 4 | 1.7 | 1.0 | 3.9 | 6 |
| Euclymeninae spp. indet. | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Exogone uniformis | Polychaeta | 9 | 11 | 2 | | | 7.3 | 6.5 | 2 | 11 | 4.7 | 2.7 | 10.6 | 22 |
| Glycera convoluta | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Glycera spp. juv. | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Goniada littorea | Polychaeta | 1 | 6 | 1 | | | 2.7 | 3.5 | 1 | 6 | 2.9 | 1.7 | 6.5 | 8 |

Benthic Community Data

| | | | | | | | | | | | |
|--------------------------------|-----|-----|----|-------|-------|----|-----|------|------|------|-----|
| Leitoscoloplos pugettensis | 1 | 1 | 2 | 1.3 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 4 |
| Mediomastus californiensis | 51 | 37 | 26 | 38.0 | 38.5 | 26 | 51 | 12.5 | 7.2 | 28.2 | 114 |
| Monticellina sp. C | 0 | 6 | 2 | 2.7 | 3.0 | 0 | 6 | 3.1 | 1.8 | 6.9 | 8 |
| Nereididae spp. juv. | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Pectinaria californiensis | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Pista disjuncta | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Prionospio heterobranchia | 9 | 5 | 3 | 5.7 | 6.0 | 3 | 9 | 3.1 | 1.8 | 6.9 | 17 |
| Prionospio lighti | 4 | 0 | 4 | 2.7 | 2.0 | 0 | 4 | 2.3 | 1.3 | 5.2 | 8 |
| Pseudopolydora paucibranchiata | 0 | 2 | 1 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Scolecopsis quinquentata | 1 | 2 | 0 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Sphaerosyllis californiensis | 4 | 2 | 1 | 2.3 | 2.5 | 1 | 4 | 1.5 | 0.9 | 3.4 | 7 |
| Spiophanes missionensis | 0 | 2 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Streblospio benedicti | 0 | 4 | 0 | 1.3 | 2.0 | 0 | 4 | 2.3 | 1.3 | 5.2 | 4 |
| nemertinea | 3 | 5 | 4 | 4.0 | 4.0 | 3 | 5 | 1.0 | 0.6 | 2.3 | 12 |
| oligochaeta | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Rudillemboides stenopropodus | 42 | 14 | 6 | 20.7 | 24.0 | 6 | 42 | 18.9 | 10.9 | 42.5 | 62 |
| Mayerella banksia | 2 | 0 | 1 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Leptochelia dubia | 0 | 1 | 2 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Amphideutopus oculatus | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Microdeutopus schmitti | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Grandidierella japonica | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Leptostylis sp. | 1 | 3 | 1 | 1.7 | 2.0 | 1 | 3 | 1.2 | 0.7 | 2.6 | 5 |
| Laevicardium substriatum | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Musculista senhousi | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Leptosynaptus sp. | 9 | 18 | 5 | 10.7 | 11.5 | 5 | 18 | 6.7 | 3.8 | 15.0 | 32 |
| Molpadia | 4 | 1 | 2 | 2.3 | 2.5 | 1 | 4 | 1.5 | 0.9 | 3.4 | 7 |
| Edwardsia sp. | 2 | 1 | 2 | 1.7 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 5 |
| Anthozoa | 157 | 126 | 77 | 120.0 | 117.0 | 77 | 157 | 40.3 | 23.3 | 90.8 | 360 |
| TOTAL INDIVIDUALS | | | | | | | | | | | |
| TOTAL SPECIES | 40 | 23 | 29 | 25.0 | 26.0 | 23 | 29 | 3.5 | 2.0 | 7.8 | 75 |
| TOTAL CRUST. INDIV. | | | | 24.0 | 28.0 | 11 | 45 | 18.4 | 10.6 | 41.3 | 72 |
| TOTAL CRUST. SP. | 7 | 3 | 5 | 3.7 | 4.0 | 3 | 5 | 1.2 | 0.7 | 2.6 | 11 |
| GAMMARID INDIV. | 45 | 15 | 8 | 22.7 | 26.5 | 8 | 45 | 19.7 | 11.3 | 44.2 | 68 |
| GAMMARID SP. | 3 | 2 | 3 | 2.7 | 2.5 | 2 | 3 | 0.6 | 0.3 | 1.3 | 8 |
| OTHER CRUSTACEAN INDIV. | 0 | 1 | 3 | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| OTHER CRUSTACEAN SP. | 2 | 0 | 2 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| TOTAL ECHINODERM INDIV. | 9 | 18 | 5 | 10.7 | 11.5 | 5 | 18 | 6.7 | 3.8 | 15.0 | 32 |
| TOTAL ECHINODERM SP. | 1 | 1 | 1 | 1.0 | 1.0 | 1 | 1 | 0.0 | 0.0 | 0.0 | 3 |
| TOTAL MOLLUSC INDIV. | 1 | 3 | 2 | 2.0 | 2.0 | 1 | 3 | 1.0 | 0.6 | 2.3 | 6 |
| TOTAL MOLLUSC SP. | 2 | 1 | 2 | 1.3 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 4 |

Benthic Community Data

| | | | | | | | | | | | |
|-------------------------|----|----|----|------|------|----|----|------|------|------|------|
| TOTAL POLYCHAETE INDIV. | 93 | 82 | 50 | 75.0 | 71.5 | 50 | 93 | 22.3 | 12.9 | 50.3 | 22.5 |
| TOTAL POLYCHAETE SP. | 26 | 15 | 17 | 15.7 | 16.0 | 15 | 17 | 1.2 | 0.7 | 2.6 | 47 |

STANUM 80026.3 IDORG 93 LEG 4 DATE 09/15/92
 STATION HUNTINGTON HARBOR, LOWER

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|--------------------------------|-------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|---------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St.Dev. | S.E. | 95%CL | sum |
| Cossura candida | Polychaeta | 1 | 3 | 4 | | | 2.7 | 2.5 | 1 | 4 | 1.5 | 0.9 | 3.4 | 8 |
| Eranno lagunae | Polychaeta | 1 | 1 | 5 | | | 2.3 | 3.0 | 1 | 5 | 2.3 | 1.3 | 5.2 | 7 |
| Euchone limnicola | Polychaeta | 1 | 4 | 2 | | | 2.3 | 2.5 | 1 | 4 | 1.5 | 0.9 | 3.4 | 7 |
| Euelymeninae spp. indet. | Polychaeta | 1 | 2 | 2 | | | 1.7 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 5 |
| Eumida longicornuta | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Exogone lourei | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Exogone uniformis | Polychaeta | 1 | 2 | 0 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Letoscoloplos pugettensis | Polychaeta | 6 | 3 | 5 | | | 4.7 | 4.5 | 3 | 6 | 1.5 | 0.9 | 3.4 | 14 |
| Malmgreniella spp. indet. | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Mediomastus californiensis | Polychaeta | 19 | 21 | 46 | | | 28.7 | 32.5 | 19 | 46 | 15.0 | 8.7 | 33.9 | 86 |
| Megalomma pigmentum | Polychaeta | 0 | 0 | 2 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Monticellina sp. C | Polychaeta | 1 | 3 | 1 | | | 1.7 | 2.0 | 1 | 3 | 1.2 | 0.7 | 2.6 | 5 |
| Pista alata | Polychaeta | 0 | 1 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Priospio heterobranchia | Polychaeta | 12 | 2 | 8 | | | 7.3 | 7.0 | 2 | 12 | 5.0 | 2.9 | 11.3 | 22 |
| Priospio lighti | Polychaeta | 1 | 1 | 3 | | | 1.7 | 2.0 | 1 | 3 | 1.2 | 0.7 | 2.6 | 5 |
| Pseudopolydora paucibranchiata | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Scolecopsis quinqueidentata | Polychaeta | 0 | 0 | 2 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Scoletoma erecta | Polychaeta | 2 | 2 | 1 | | | 1.7 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 5 |
| Sphaerosyllis californiensis | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Spiophanes missionensis | Polychaeta | 0 | 1 | 2 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| nemertea | Nemertea | 2 | 1 | 5 | | | 2.7 | 3.0 | 1 | 5 | 2.1 | 1.2 | 4.7 | 8 |
| oligochaeta | Oligochaeta | 0 | 2 | 12 | | | 4.7 | 6.0 | 0 | 12 | 6.4 | 3.7 | 14.5 | 14 |
| Rudillembooides stenopropodus | Amphipoda | 3 | 6 | 21 | | | 10.0 | 12.0 | 3 | 21 | 9.6 | 5.6 | 21.7 | 30 |
| Mayerella banksia | Amphipoda | 0 | 3 | 5 | | | 2.7 | 2.5 | 0 | 5 | 2.5 | 1.5 | 5.7 | 8 |
| Leptochelia dubia | Tanaidacea | 0 | 0 | 2 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Amphideutopus oculatus | Amphipoda | 0 | 0 | 2 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Bathyleberis californica | Ostracoda | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Microdeutopus schmitti | Amphipoda | 2 | 1 | 0 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Microjassa litotes | Amphipoda | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Haminocoe virescens | Gastropoda | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Laevicardium substriatum | Bivalvia | 0 | 1 | 2 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |

Benthic Community Data

| | 0 | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
|--------------------------------|----|----|-----|-----|------|-------|----|-----|------|------|-------|-----|
| Protothaca staminea | 0 | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Tagelus subieres | 1 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Maetra californica | 1 | 0 | 1 | 1 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Amphiroidea sp. | 1 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Leptosynaptus sp. | 1 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Myrella tumida | 0 | 0 | 1 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Cylichina diegensis | 0 | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Molpadia | 3 | 1 | 3 | 3 | 2.3 | 2.0 | 1 | 3 | 1.2 | 0.7 | 2.6 | 7 |
| Edwardsia sp | 0 | 0 | 1 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| TOTAL INDIVIDUALS | 62 | 65 | 143 | 143 | 90.0 | 102.5 | 62 | 143 | 45.9 | 26.5 | 103.3 | 270 |
| TOTAL SPECIES | 40 | 21 | 24 | 29 | 24.7 | 25.0 | 21 | 29 | 4.0 | 2.3 | 9.1 | 74 |
| TOTAL CRUST. INDIV. | 6 | 11 | 30 | 30 | 15.7 | 18.0 | 6 | 30 | 12.7 | 7.3 | 28.5 | 47 |
| TOTAL CRUST. SP. | 7 | 3 | 4 | 4 | 3.7 | 3.5 | 3 | 4 | 0.6 | 0.3 | 1.3 | 11 |
| GAMMARID INDIV. | 6 | 10 | 28 | 28 | 14.7 | 17.0 | 6 | 28 | 11.7 | 6.8 | 26.4 | 44 |
| GAMMARID SP. | 5 | 3 | 3 | 3 | 3.0 | 3.0 | 3 | 3 | 0.0 | 0.0 | 0.0 | 9 |
| OTHER CRUSTACEAN INDIV. | 0 | 1 | 2 | 2 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| OTHER CRUSTACEAN SP. | 2 | 0 | 1 | 1 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| TOTAL ECHINODERM INDIV. | 2 | 2 | 0 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| TOTAL ECHINODERM SP. | 2 | 2 | 0 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| TOTAL MOLLUSC INDIV. | 3 | 2 | 5 | 5 | 3.3 | 3.5 | 2 | 5 | 1.5 | 0.9 | 3.4 | 10 |
| TOTAL MOLLUSC SP. | 7 | 3 | 2 | 4 | 3.0 | 3.0 | 2 | 4 | 1.0 | 0.6 | 2.3 | 9 |
| TOTAL POLYCHAETE INDIV. | 46 | 48 | 87 | 87 | 60.3 | 66.5 | 46 | 87 | 23.1 | 13.3 | 52.0 | 181 |
| TOTAL POLYCHAETE SP. | 20 | 11 | 15 | 17 | 14.3 | 14.0 | 11 | 17 | 3.1 | 1.8 | 6.9 | 43 |

STANUM 80027.1 IDORG 94 LEG 4 DATE 09/15/92
 STATION HUNTINGTON HARBOR, MIDDLE

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|--------------------------|------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Aphelocheata multifilis | Polychaeta | 0 | 0 | 1 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Caulteriella alata | Polychaeta | 0 | 0 | 1 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Cirriformia spirabrancha | Polychaeta | 2 | 0 | 1 | 1 | 1 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Cossura candida | Polychaeta | 1 | 4 | 1 | 1 | 1 | 2.0 | 2.5 | 1 | 4 | 1.7 | 1.0 | 3.9 | 6 |
| Eranno lagunae | Polychaeta | 1 | 1 | 0 | 0 | 1 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Euchone limnicola | Polychaeta | 11 | 6 | 5 | 5 | 11 | 7.3 | 8.0 | 5 | 11 | 3.2 | 1.9 | 7.2 | 22 |
| Exogone fouriei | Polychaeta | 20 | 14 | 12 | 12 | 20 | 15.3 | 16.0 | 12 | 20 | 4.2 | 2.4 | 9.4 | 46 |
| Exogone uniformis | Polychaeta | 2 | 0 | 0 | 0 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Fabricinuda limnicola | Polychaeta | 28 | 31 | 33 | 33 | 33 | 30.7 | 30.5 | 28 | 33 | 2.5 | 1.5 | 5.7 | 92 |
| Harmothoe imbricata | Polychaeta | 0 | 0 | 1 | 1 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |

Benthic Community Data

| | | | | | | | | | | | |
|--------------------------------|-----|----|----|------|------|----|-----|------|-----|------|-----|
| Leitoscoloplos pugettensis | 7 | 3 | 4 | 4.7 | 5.0 | 3 | 7 | 2.1 | 1.2 | 4.7 | 14 |
| Mediomastus californiensis | 4 | 2 | 8 | 4.7 | 5.0 | 2 | 8 | 3.1 | 1.8 | 6.9 | 14 |
| Megalomma pigmentum | 4 | 2 | 1 | 2.3 | 2.5 | 1 | 4 | 1.5 | 0.9 | 3.4 | 7 |
| Monticellina sp. C | 2 | 0 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Parapionospio pinnata | 0 | 3 | 0 | 1.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 3 |
| Pista alata | 5 | 1 | 0 | 2.0 | 2.5 | 0 | 5 | 2.6 | 1.5 | 6.0 | 6 |
| Prionospio heterobranchia | 2 | 1 | 2 | 1.7 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 5 |
| Prionospio lighti | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Pseudopolydora paucibranchiata | 4 | 0 | 1 | 1.7 | 2.0 | 0 | 4 | 2.1 | 1.2 | 4.7 | 5 |
| Sphaerosyllis californiensis | 1 | 1 | 0 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Spiophanes missionensis | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| nemertea | 1 | 1 | 0 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Ostracoda | 1 | 1 | 0 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Amphipoda | 1 | 1 | 2 | 1.3 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 4 |
| Amphipoda | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Tanaidacea | 0 | 2 | 1 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Isopoda | 0 | 1 | 1 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Isopoda | 0 | 1 | 1 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Bivalvia | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Gastropoda | 2 | 3 | 2 | 2.3 | 2.5 | 2 | 3 | 0.6 | 0.3 | 1.3 | 7 |
| Gastropoda | 0 | 1 | 1 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Gastropoda | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Holothuroidea | 0 | 2 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| TOTAL INDIVIDUALS | 100 | 84 | 81 | 88.3 | 90.5 | 81 | 100 | 10.2 | 5.9 | 23.0 | 265 |
| TOTAL SPECIES | 33 | 20 | 23 | 21.3 | 21.5 | 20 | 23 | 1.5 | 0.9 | 3.4 | 64 |
| TOTAL CRUST. INDIV. | 2 | 6 | 6 | 4.7 | 4.0 | 2 | 6 | 2.3 | 1.3 | 5.2 | 14 |
| TOTAL CRUST. SP. | 6 | 2 | 5 | 4.0 | 3.5 | 2 | 5 | 1.7 | 1.0 | 3.9 | 12 |
| GAMMARID INDIV. | 1 | 1 | 3 | 1.7 | 2.0 | 1 | 3 | 1.2 | 0.7 | 2.6 | 5 |
| GAMMARID SP. | 2 | 1 | 2 | 1.3 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 4 |
| OTHER CRUSTACEAN INDIV. | 1 | 5 | 3 | 3.0 | 3.0 | 1 | 5 | 2.0 | 1.2 | 4.5 | 9 |
| OTHER CRUSTACEAN SP. | 4 | 1 | 4 | 2.7 | 2.5 | 1 | 4 | 1.5 | 0.9 | 3.4 | 8 |
| TOTAL ECHINODERM INDIV. | 0 | 2 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| TOTAL ECHINODERM SP. | 1 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| TOTAL MOLLUSC INDIV. | 3 | 5 | 3 | 3.7 | 4.0 | 3 | 5 | 1.2 | 0.7 | 2.6 | 11 |
| TOTAL MOLLUSC SP. | 4 | 2 | 3 | 2.3 | 2.5 | 2 | 3 | 0.6 | 0.3 | 1.3 | 7 |
| TOTAL POLYCHAETE INDIV. | 94 | 70 | 72 | 78.7 | 82.0 | 70 | 94 | 13.3 | 7.7 | 30.0 | 236 |
| TOTAL POLYCHAETE SP. | 21 | 15 | 13 | 14.0 | 14.0 | 13 | 15 | 1.0 | 0.6 | 2.3 | 42 |

Benthic Community Data

| SPECIES | STANUM | STATION | IDORG | LEG | DATE | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|--------------------------------|---------|---------------------------|-------|-----|----------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | | | | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| | 80027.2 | HUNTINGTON HARBOR, MIDDLE | 95 | 4 | 09/15/92 | 12 | 24 | 16 | | | 17.3 | 18.0 | 12 | 24 | 6.1 | 3.5 | 13.7 | 52 |
| Cirriiformia spirabranchia | | Polychaeta | | | | 2 | 4 | 4 | | | 3.3 | 3.0 | 2 | 4 | 1.2 | 0.7 | 2.6 | 10 |
| Cossura candida | | Polychaeta | | | | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Dorvillea longicornis | | Polychaeta | | | | 4 | 0 | 3 | | | 2.3 | 2.0 | 0 | 4 | 2.1 | 1.2 | 4.7 | 7 |
| Eranno lagunae | | Polychaeta | | | | 21 | 12 | 25 | | | 19.3 | 18.5 | 12 | 25 | 6.7 | 3.8 | 15.0 | 58 |
| Euchone limnicola | | Polychaeta | | | | 1 | 0 | 2 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Exogone lourei | | Polychaeta | | | | 3 | 3 | 1 | | | 2.3 | 2.0 | 1 | 3 | 1.2 | 0.7 | 2.6 | 7 |
| Leitoscoloplos pugettensis | | Polychaeta | | | | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Marphysa sp. A | | Polychaeta | | | | 6 | 8 | 11 | | | 8.3 | 8.5 | 6 | 11 | 2.5 | 1.5 | 5.7 | 25 |
| Mediomastus californiensis | | Polychaeta | | | | 1 | 2 | 0 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Megalomma pigmentum | | Polychaeta | | | | 2 | 1 | 0 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Monticellina sp. C | | Polychaeta | | | | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Paraprionospio pinnata | | Polychaeta | | | | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Pista alata | | Polychaeta | | | | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Polyphthalmus pictus | | Polychaeta | | | | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Prionospio heterobranchia | | Polychaeta | | | | 2 | 0 | 4 | | | 2.0 | 2.0 | 0 | 4 | 2.0 | 1.2 | 4.5 | 6 |
| Prionospio lighti | | Polychaeta | | | | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Pseudopolydora paucibranchiata | | Polychaeta | | | | 2 | 1 | 2 | | | 1.7 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 5 |
| Scolecopsis quinqueidentata | | Polychaeta | | | | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Scoletoma erecta | | Polychaeta | | | | 1 | 3 | 4 | | | 2.7 | 2.5 | 1 | 4 | 1.5 | 0.9 | 3.4 | 8 |
| Spiophanes missionensis | | Polychaeta | | | | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| nemertea | | Nemertea | | | | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Bathyleberis californica | | Ostracoda | | | | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Rudilernbooides stenopropodus | | Amphipoda | | | | 0 | 1 | 4 | | | 1.7 | 2.0 | 0 | 4 | 2.1 | 1.2 | 4.7 | 5 |
| Monoculoides hartmannae | | Amphipoda | | | | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Zeuxo normani | | Tanaidacea | | | | 5 | 1 | 7 | | | 4.3 | 4.0 | 1 | 7 | 3.1 | 1.8 | 6.9 | 13 |
| Paranthurus elegans | | Isopoda | | | | 2 | 0 | 2 | | | 1.3 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 4 |
| Haminoea vesicula | | Gastropoda | | | | 0 | 1 | 2 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Cylichna digensis | | Gastropoda | | | | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Turbonilla sp. | | Gastropoda | | | | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Laevicardium substriatum | | Bivalvia | | | | 0 | 1 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Lyonsia californica | | Bivalvia | | | | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Theora fragilis | | Bivalvia | | | | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Molpadia | | Bivalvia | | | | 2 | 1 | 0 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Pycnogonid | | Pycnogonida | | | | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |

Benthic Community Data

| | 73 | 68 | 92 | 77.7 | 80.0 | 68 | 92 | 12.7 | 7.3 | 28.5 | 233 |
|-------------------------|----|----|----|------|------|----|----|------|-----|------|-----|
| TOTAL INDIVIDUALS | 34 | 22 | 19 | 20.0 | 20.5 | 19 | 22 | 1.7 | 1.0 | 3.9 | 60 |
| TOTAL SPECIES | 9 | 3 | 13 | 8.3 | 8.0 | 3 | 13 | 5.0 | 2.9 | 11.3 | 25 |
| TOTAL CRUST. INDIV. | 6 | 4 | 3 | 3.3 | 3.5 | 3 | 4 | 0.6 | 0.3 | 1.3 | 10 |
| TOTAL CRUST. SP. | 1 | 1 | 4 | 2.0 | 2.5 | 1 | 4 | 1.7 | 1.0 | 3.9 | 6 |
| GAMMARID INDIV. | 2 | 1 | 1 | 1.0 | 1.0 | 1 | 1 | 0.0 | 0.0 | 0.0 | 3 |
| GAMMARID SP. | 8 | 2 | 9 | 6.3 | 5.5 | 2 | 9 | 3.8 | 2.2 | 8.5 | 19 |
| OTHER CRUSTACEAN INDIV. | 4 | 3 | 2 | 2.3 | 2.5 | 2 | 3 | 0.6 | 0.3 | 1.3 | 7 |
| OTHER CRUSTACEAN SP. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM INDIV. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM SP. | 2 | 3 | 4 | 3.0 | 3.0 | 2 | 4 | 1.0 | 0.6 | 2.3 | 9 |
| TOTAL MOLLUSC INDIV. | 6 | 2 | 3 | 2.7 | 2.5 | 2 | 3 | 0.6 | 0.3 | 1.3 | 8 |
| TOTAL MOLLUSC SP. | 60 | 60 | 75 | 65.0 | 67.5 | 60 | 75 | 8.7 | 5.0 | 19.5 | 195 |
| TOTAL POLYCHAETE INDIV. | 20 | 15 | 11 | 13.0 | 13.0 | 11 | 15 | 2.0 | 1.2 | 4.5 | 39 |
| TOTAL POLYCHAETE SP. | | | | | | | | | | | |

STANUM 80027.3 IDORG 96 LEG 4 DATE 09/15/92

STATION HUNTINGTON HARBOR, MIDDLE

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|--------------------------------|------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Aphelochaeta multihilis | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Cirriformia spirabranchia | Polychaeta | 2 | 5 | 2 | | | 3.0 | 3.5 | 2 | 5 | 1.7 | 1.0 | 3.9 | 9 |
| Cossura candida | Polychaeta | 3 | 3 | 2 | | | 2.7 | 2.5 | 2 | 3 | 0.6 | 0.3 | 1.3 | 8 |
| Eranno lagunae | Polychaeta | 0 | 1 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Euchone limnicola | Polychaeta | 1 | 1 | 25 | | | 9.0 | 13.0 | 1 | 25 | 13.9 | 8.0 | 31.2 | 27 |
| Euclymeninae spp. indet. | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Exogone lourei | Polychaeta | 3 | 25 | 7 | | | 11.7 | 14.0 | 3 | 25 | 11.7 | 6.8 | 26.4 | 35 |
| Fabricinuda limnicola | Polychaeta | 14 | 39 | 14 | | | 22.3 | 26.5 | 14 | 39 | 14.4 | 8.3 | 32.5 | 67 |
| Leitoscoloplos pugettensis | Polychaeta | 5 | 8 | 6 | | | 6.3 | 6.5 | 5 | 8 | 1.5 | 0.9 | 3.4 | 19 |
| Mediomastus californiensis | Polychaeta | 16 | 4 | 2 | | | 7.3 | 9.0 | 2 | 16 | 7.6 | 4.4 | 17.0 | 22 |
| Megalomma pigmentum | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Monticellina sp. C | Polychaeta | 4 | 0 | 1 | | | 1.7 | 2.0 | 0 | 4 | 2.1 | 1.2 | 4.7 | 5 |
| Paraprionospio pinnata | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Pista alata | Polychaeta | 1 | 1 | 1 | | | 1.0 | 1.0 | 1 | 1 | 0.0 | 0.0 | 0.0 | 3 |
| Pista disjuncta | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Prionospio heterobranchia | Polychaeta | 0 | 4 | 1 | | | 1.7 | 2.0 | 0 | 4 | 2.1 | 1.2 | 4.7 | 5 |
| Prionospio lighti | Polychaeta | 0 | 0 | 2 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Prionospio sp. A | Polychaeta | 1 | 1 | 0 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Pseudopolydora paucibranchiata | Polychaeta | 8 | 2 | 1 | | | 3.7 | 4.5 | 1 | 8 | 3.8 | 2.2 | 8.5 | 11 |

Benthic Community Data

| | | | | | | | | | | | |
|--------------------------------|----|-----|----|------|------|----|-----|------|------|------|-----|
| Sabellidae spp. indet. | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Scoletoma erecta | 1 | 2 | 1 | 1.3 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 4 |
| Sphaerosyllis californiensis | 1 | 1 | 2 | 1.3 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 4 |
| Streblospio benedicti | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| nemertea | 1 | 2 | 0 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Rudillembooides stenopropodus | 1 | 4 | 0 | 1.7 | 2.0 | 0 | 4 | 2.1 | 1.2 | 4.7 | 5 |
| Monoculoides hartmanae | 1 | 1 | 0 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Zeuxo normani | 1 | 3 | 0 | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| Paranthura elegans | 1 | 2 | 0 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Melita sp. | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Cylichna digensis | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Musculista senhousiei | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Theora fragilis | 0 | 0 | 2 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Lyonsia californica | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Mactra californica | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Protothaca sp. | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Molpadia | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| TOTAL INDIVIDUALS | 70 | 114 | 74 | 86.0 | 92.0 | 70 | 114 | 24.3 | 14.0 | 54.7 | 258 |
| TOTAL SPECIES | 36 | 23 | 24 | 22.3 | 22.0 | 20 | 24 | 2.1 | 1.2 | 4.7 | 67 |
| TOTAL CRUST. INDIV. | 4 | 10 | 1 | 5.0 | 5.5 | 1 | 10 | 4.6 | 2.6 | 10.3 | 15 |
| TOTAL CRUST. SP. | 5 | 4 | 1 | 3.0 | 2.5 | 1 | 4 | 1.7 | 1.0 | 3.9 | 9 |
| GAMMARID INDIV. | 2 | 5 | 1 | 2.7 | 3.0 | 1 | 5 | 2.1 | 1.2 | 4.7 | 8 |
| GAMMARID SP. | 3 | 2 | 1 | 1.7 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 5 |
| OTHER CRUSTACEAN INDIV. | 2 | 5 | 0 | 2.3 | 2.5 | 0 | 5 | 2.5 | 1.5 | 5.7 | 7 |
| OTHER CRUSTACEAN SP. | 2 | 2 | 0 | 1.3 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 4 |
| TOTAL ECHINODERM INDIV. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM SP. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL MOLLUSC INDIV. | 2 | 2 | 3 | 2.3 | 2.5 | 2 | 3 | 0.6 | 0.3 | 1.3 | 7 |
| TOTAL MOLLUSC SP. | 2 | 2 | 2 | 2.0 | 2.0 | 2 | 2 | 0.0 | 0.0 | 0.0 | 6 |
| TOTAL POLYCHAETE INDIV. | 63 | 99 | 70 | 77.3 | 81.0 | 63 | 99 | 19.1 | 11.0 | 42.9 | 232 |
| TOTAL POLYCHAETE SP. | 23 | 16 | 17 | 16.3 | 16.5 | 16 | 17 | 0.6 | 0.3 | 1.3 | 49 |

Benthic Community Data

STANUM 80028.1 STATION HUNTINGTON HARBOR, UPPER IDORG 97 LEG 4 DATE: 09/15/92

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|--------------------------------|-------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Aphelocheata multifilis | Polychaeta | 8 | 7 | 5 | | | 6.7 | 6.5 | 5 | 8 | 1.5 | 0.9 | 3.4 | 20 |
| Capitella capitata | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Cirratulidae spp. juv. | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Cirriformia spirabranchia | Polychaeta | 3 | 2 | 0 | | | 1.7 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 5 |
| Cossura candida | Polychaeta | 12 | 2 | 0 | | | 4.7 | 6.0 | 0 | 12 | 6.4 | 3.7 | 14.5 | 14 |
| Dorvillea longicornis | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Eranno lagunae | Polychaeta | 1 | 1 | 1 | | | 1.0 | 1.0 | 1 | 1 | 0.0 | 0.0 | 0.0 | 3 |
| Euchone limnicola | Polychaeta | 3 | 1 | 0 | | | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| Exogone lourci | Polychaeta | 4 | 0 | 0 | | | 1.3 | 2.0 | 0 | 4 | 2.3 | 1.3 | 5.2 | 4 |
| Fabricinuda limnicola | Polychaeta | 7 | 0 | 0 | | | 2.3 | 3.5 | 0 | 7 | 4.0 | 2.3 | 9.1 | 7 |
| Leitoscoloplos pugeitensis | Polychaeta | 11 | 3 | 0 | | | 4.7 | 5.5 | 0 | 11 | 5.7 | 3.3 | 12.8 | 14 |
| Mediomastus californiensis | Polychaeta | 4 | 6 | 0 | | | 3.3 | 3.0 | 0 | 6 | 3.1 | 1.8 | 6.9 | 10 |
| Megalomma pigmentum | Polychaeta | 3 | 1 | 0 | | | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| Neanthes arenaceodentata | Polychaeta | 3 | 2 | 0 | | | 1.7 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 5 |
| Pista brevibranchiata | Polychaeta | 0 | 1 | 2 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Pronospio heterobranchia | Polychaeta | 2 | 0 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Pseudopolydora paucibranchiata | Polychaeta | 7 | 0 | 0 | | | 2.3 | 3.5 | 0 | 7 | 4.0 | 2.3 | 9.1 | 7 |
| Scoletoma erecta | Polychaeta | 2 | 0 | 1 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Sphaerosyllis californiensis | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| nematoda | Nematoda | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| nemertea | Nemertea | 2 | 0 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| oligochaeta | Oligochaeta | 2 | 0 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Acuminodeutopus oculatus | Amphipoda | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Rudilernbooides stenopropodus | Amphipoda | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Bathyleberis carcharodonta | Ostracoda | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Janirialata occidentalis | Isopoda | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Monoculodes hartmanae | Amphipoda | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Cylichna diegensis | Gastropoda | 3 | 0 | 0 | | | 1.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 3 |
| Edwardia sp. | Anthozoa | 3 | 0 | 0 | | | 1.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 3 |
| Molpadia | | 3 | 0 | 0 | | | 1.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 3 |
| TOTAL INDIVIDUALS | | 90 | 26 | 12 | | | 42.7 | 51.0 | 12 | 90 | 41.6 | 24.0 | 93.6 | 128 |
| TOTAL SPECIES | | 30 | 26 | 10 | | | 14.3 | 16.5 | 7 | 26 | 10.2 | 5.9 | 23.0 | 43 |
| TOTAL CRUST. INDIV. | | 2 | 0 | 0 | | | 1.7 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 5 |
| TOTAL CRUST. SP. | | 5 | 2 | 0 | | | 1.7 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 5 |

Benthic Community Data

| | 1 | 0 | 2 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
|-------------------------|----|----|----|------|------|---|----|------|------|------|-----|
| GAMMARID INDIV. | 1 | 0 | 2 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| GAMMARID SP. | 3 | 0 | 2 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| OTHER CRUSTACEAN INDIV. | 1 | 0 | 1 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| OTHER CRUSTACEAN SP. | 2 | 1 | 1 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| TOTAL ECHINODERM INDIV. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM SP. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL MOLLUSC INDIV. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL MOLLUSC SP. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL POLYCHAETE INDIV. | 74 | 26 | 9 | 36.3 | 41.5 | 9 | 74 | 33.7 | 19.5 | 75.8 | 109 |
| TOTAL POLYCHAETE SP. | 19 | 18 | 10 | 10.7 | 11.0 | 4 | 18 | 7.0 | 4.1 | 15.8 | 32 |

STANUM 80028.2 IDORG LEG DATE
 98 4 09/15/92

STATION HUNTINGTON HARBOR, UPPER

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|--------------------------------|---------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Aphelocheata multifilis | Polychaeta | 4 | 0 | 9 | | | 4.3 | 4.5 | 0 | 9 | 4.5 | 2.6 | 10.1 | 13 |
| Capitella capitata | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Cirratulidae spp. indet. | Polychaeta | 0 | 0 | 2 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Cirriformia spirabranchia | Polychaeta | 4 | 2 | 0 | | | 2.0 | 2.0 | 0 | 4 | 2.0 | 1.2 | 4.5 | 6 |
| Cossura candida | Polychaeta | 1 | 1 | 5 | | | 2.3 | 3.0 | 1 | 5 | 2.3 | 1.3 | 5.2 | 7 |
| Eranno lagunae | Polychaeta | 2 | 0 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Euchone limnicola | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Exogone uniformis | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Fabricinuda limnicola | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Leitoscoloplos pugettensis | Polychaeta | 5 | 5 | 6 | | | 5.3 | 5.5 | 5 | 6 | 0.6 | 0.3 | 1.3 | 16 |
| Mediomastus acutus | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Mediomastus californiensis | Polychaeta | 8 | 4 | 6 | | | 6.0 | 6.0 | 4 | 8 | 2.0 | 1.2 | 4.5 | 18 |
| Megalomma pigmentum | Polychaeta | 2 | 0 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Nearcthes arenaceodentata | Polychaeta | 4 | 2 | 6 | | | 4.0 | 4.0 | 2 | 6 | 2.0 | 1.2 | 4.5 | 12 |
| Pista brevibranchiata | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Prionospio heterobranchia | Polychaeta | 0 | 0 | 4 | | | 1.3 | 2.0 | 0 | 4 | 2.3 | 1.3 | 5.2 | 4 |
| Prionospio lighti | Polychaeta | 1 | 1 | 1 | | | 1.0 | 1.0 | 1 | 1 | 0.0 | 0.0 | 0.0 | 3 |
| Pseudopolydora paucibranchiata | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| nematoda | Nematoda | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| nemertea | Nemertea | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| oligochaeta | Oligochaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Cylichna diegensis | Gastropoda | 9 | 15 | 11 | | | 11.7 | 12.0 | 9 | 15 | 3.1 | 1.8 | 6.9 | 35 |
| Leptosynaptus sp. | Holothuroidea | 1 | 0 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| | | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |

Benthic Community Data

| | | 0 | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
|-------------------|-------------------------|----|----|----|----|------|------|----|----|------|-----|------|-----|
| Mayerella banksia | Amphipoda | | | | | | | | | | | | |
| Molpadia | | 1 | 0 | 1 | 0 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| | TOTAL INDIVIDUALS | 43 | 32 | 60 | 60 | 45.0 | 46.0 | 32 | 60 | 14.1 | 8.1 | 31.7 | 135 |
| | TOTAL SPECIES | 25 | 13 | 9 | 19 | 13.7 | 14.0 | 9 | 19 | 5.0 | 2.9 | 11.3 | 41 |
| | TOTAL CRUST. INDIV. | 0 | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| | TOTAL CRUST. SP. | 1 | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| | GAMMARID INDIV. | 0 | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| | GAMMARID SP. | 1 | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| | OTHER CRUSTACEAN INDIV. | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| | OTHER CRUSTACEAN SP. | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| | TOTAL ECHINODERM INDIV. | 1 | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| | TOTAL ECHINODERM SP. | 1 | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| | TOTAL MOLLUSC INDIV. | 1 | 0 | 1 | 1 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| | TOTAL MOLLUSC SP. | 1 | 1 | 0 | 1 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| | TOTAL POLYCHAETE INDIV. | 31 | 16 | 45 | 45 | 30.7 | 30.5 | 16 | 45 | 14.5 | 8.4 | 32.6 | 92 |
| | TOTAL POLYCHAETE SP. | 18 | 9 | 7 | 14 | 10.0 | 10.5 | 7 | 14 | 3.6 | 2.1 | 8.1 | 30 |

| STANUM | STATION | IDORG | LEG | DATE |
|---------|--------------------------|-------|-----|----------|
| 80028.3 | HUNTINGTON HARBOR, UPPER | 99 | 4 | 09/15/92 |

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|--------------------------------|------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Aphelocheata multifilis | Polychaeta | 6 | 0 | 0 | 0 | 0 | 2.0 | 3.0 | 0 | 6 | 3.5 | 2.0 | 7.8 | 6 |
| Cirriformia spirabranchia | Polychaeta | 1 | 7 | 6 | 6 | 6 | 4.7 | 4.0 | 1 | 7 | 3.2 | 1.9 | 7.2 | 14 |
| Cossura candida | Polychaeta | 0 | 1 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Dorvillea longicornis | Polychaeta | 2 | 3 | 0 | 0 | 0 | 1.7 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 5 |
| Eranno lagunae | Polychaeta | 4 | 4 | 2 | 2 | 2 | 3.3 | 3.0 | 2 | 4 | 1.2 | 0.7 | 2.6 | 10 |
| Euchoe limnicola | Polychaeta | 1 | 0 | 0 | 2 | 2 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Fabricinuda limnicola | Polychaeta | 7 | 5 | 4 | 4 | 4 | 5.3 | 5.5 | 4 | 7 | 1.5 | 0.9 | 3.4 | 16 |
| Leitoscoloplos pugettensis | Polychaeta | 6 | 10 | 12 | 12 | 12 | 9.3 | 9.0 | 6 | 12 | 3.1 | 1.8 | 6.9 | 28 |
| Marphysa sp. A | Polychaeta | 2 | 0 | 1 | 1 | 1 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Mediomastus californiensis | Polychaeta | 4 | 1 | 6 | 6 | 6 | 3.7 | 3.5 | 1 | 6 | 2.5 | 1.5 | 5.7 | 11 |
| Neanthes arenaceodentata | Polychaeta | 5 | 1 | 3 | 3 | 3 | 3.0 | 3.0 | 1 | 5 | 2.0 | 1.2 | 4.5 | 9 |
| Pista brevivibranchiata | Polychaeta | 0 | 1 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Prionospio heterobranchia | Polychaeta | 1 | 0 | 6 | 6 | 6 | 2.3 | 3.0 | 0 | 6 | 3.2 | 1.9 | 7.2 | 7 |
| Pseudopolydora paucibranchiata | Polychaeta | 4 | 2 | 5 | 5 | 5 | 3.7 | 3.5 | 2 | 5 | 1.5 | 0.9 | 3.4 | 11 |
| Scoletoma erecta | Polychaeta | 2 | 0 | 0 | 0 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Streblospio benedicti | Polychaeta | 2 | 0 | 0 | 0 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| nemertea | Nemertea | 2 | 0 | 0 | 0 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |

Benthic Community Data

| | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
|--------------------------------|----|----|----|------|------|----|----|------|-----|------|-----|
| oligochaeta | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Bathyleberis carcharodonta | 2 | 0 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Paranthura elegans | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Gammaridae | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Leptosynaptus sp. | 0 | 2 | 3 | 1.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 3 |
| Molpadia | 0 | 2 | 5 | 2.3 | 2.5 | 0 | 5 | 2.5 | 1.5 | 5.7 | 7 |
| TOTAL INDIVIDUALS | 53 | 37 | 56 | 48.7 | 46.5 | 37 | 56 | 10.2 | 5.9 | 23.0 | 146 |
| TOTAL SPECIES | 23 | 11 | 13 | 14.0 | 14.5 | 11 | 18 | 3.6 | 2.1 | 8.1 | 42 |
| TOTAL CRUST. INDIV. | 3 | 0 | 1 | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| TOTAL CRUST. SP. | 2 | 0 | 1 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| GAMMARID INDIV. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| GAMMARID SP. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| OTHER CRUSTACEAN INDIV. | 3 | 0 | 1 | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| OTHER CRUSTACEAN SP. | 3 | 2 | 0 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| TOTAL ECHINODERM INDIV. | 0 | 0 | 3 | 1.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 3 |
| TOTAL ECHINODERM SP. | 1 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| TOTAL MOLLUSC INDIV. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL MOLLUSC SP. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL POLYCHAETE INDIV. | 47 | 35 | 47 | 43.0 | 41.0 | 35 | 47 | 6.9 | 4.0 | 15.6 | 129 |
| TOTAL POLYCHAETE SP. | 16 | 14 | 10 | 11.3 | 12.0 | 10 | 14 | 2.3 | 1.3 | 5.2 | 34 |

STANUM 80025.1 STATION ANAHEIM BAY, OIL ISLAND IDORG 88 LEG 5 DATE 10/14/92

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|-------------------------------|------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Amaeana occidentalis | Polychaeta | 0 | 1 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Apoprionospio pygmaea | Polychaeta | 2 | 0 | 0 | 0 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Armandia brevis | Polychaeta | 0 | 0 | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Chaetozone sp. 1 | Polychaeta | 3 | 0 | 3 | 0 | 0 | 2.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 6 |
| Exogone lourei | Polychaeta | 1 | 2 | 6 | 0 | 0 | 3.0 | 3.5 | 1 | 6 | 2.6 | 1.5 | 6.0 | 9 |
| Goniada littorea | Polychaeta | 2 | 1 | 1 | 0 | 0 | 1.3 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 4 |
| Glycera convoluta | Polychaeta | 1 | 0 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Glycera nana | Polychaeta | 1 | 0 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Leitoscoloplos pugettensis | Polychaeta | 1 | 1 | 4 | 0 | 0 | 2.0 | 2.5 | 1 | 4 | 1.7 | 1.0 | 3.9 | 6 |
| Mediomastus californiensis | Polychaeta | 24 | 13 | 26 | 0 | 0 | 21.0 | 19.5 | 13 | 26 | 7.0 | 4.0 | 15.8 | 63 |
| Monticellina dorsobranchialis | Polychaeta | 1 | 0 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Nephtys caecoides | Polychaeta | 0 | 0 | 2 | 0 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Nephtys cornuta | Polychaeta | 1 | 1 | 0 | 0 | 0 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |

Benthic Community Data

STANUM 80025.2 IDORG 5 DATE 10/14/92
 STATION ANAHEIM BAY, OIL ISLAND

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|-------------------------------|-------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Aphelocheata multifilis | Polychaeta | 3 | 1 | 5 | | | 3.0 | 3.0 | 1 | 5 | 2.0 | 1.2 | 4.5 | 9 |
| Brania brevipharyngea | Polychaeta | 1 | 2 | 0 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Cossura candida | Polychaeta | 13 | 10 | 14 | | | 12.3 | 12.0 | 10 | 14 | 2.1 | 1.2 | 4.7 | 37 |
| Eranno lagunae | Polychaeta | 3 | 1 | 1 | | | 1.7 | 2.0 | 1 | 3 | 1.2 | 0.7 | 2.6 | 5 |
| Exogone uniformis | Polychaeta | 0 | 1 | 2 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Fabricinuda limnicola | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Leitoscoloplos puggetensis | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Mediomastus californiensis | Polychaeta | 20 | 37 | 12 | | | 23.0 | 24.5 | 12 | 37 | 12.8 | 7.4 | 28.7 | 69 |
| Monticellina sp. C | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Nephtys caecoides | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Nereis proclera | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Notomastus tenuis | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Polyophthalmus pictus | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Priamospio heterobranchia | Polychaeta | 6 | 5 | 2 | | | 4.3 | 4.0 | 2 | 6 | 2.1 | 1.2 | 4.7 | 13 |
| Priamospio sp. A | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Scolecopsis quinquentata | Polychaeta | 2 | 0 | 2 | | | 1.3 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 4 |
| Spiophanes missionensis | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Streblospio benedicti | Polychaeta | 2 | 5 | 4 | | | 3.7 | 3.5 | 2 | 5 | 1.5 | 0.9 | 3.4 | 11 |
| nematoda | Nematoda | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| nemertea | Nemertea | 3 | 8 | 1 | | | 4.0 | 4.5 | 1 | 8 | 3.6 | 2.1 | 8.1 | 12 |
| oligochaeta | Oligochaeta | 0 | 8 | 0 | | | 2.7 | 4.0 | 0 | 8 | 4.6 | 2.7 | 10.4 | 8 |
| Rudillembooides stenopropodus | Amphipoda | 15 | 20 | 12 | | | 15.7 | 16.0 | 12 | 20 | 4.0 | 2.3 | 9.1 | 47 |
| Acuminodeutopus heteruropus | Amphipoda | 0 | 1 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Bathyleberis californica | Ostracoda | 3 | 2 | 0 | | | 1.7 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 5 |
| Grandidicerella japonica | Amphipoda | 3 | 10 | 16 | | | 9.7 | 9.5 | 3 | 16 | 6.5 | 3.8 | 14.6 | 29 |
| Leptocheilia dubia | Tanaidacea | 3 | 7 | 4 | | | 4.7 | 5.0 | 3 | 7 | 2.1 | 1.2 | 4.7 | 14 |
| Mayerella banksia | Amphipoda | 1 | 8 | 4 | | | 4.3 | 4.5 | 1 | 8 | 3.5 | 2.0 | 7.9 | 13 |
| Paranthura elegans | Isopoda | 0 | 2 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Photis sp. | Amphipoda | 0 | 1 | 2 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Podocerus brasiliensis | Amphipoda | 0 | 2 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Calliopid amphipod | Amphipoda | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Molpadia | Amphipoda | 6 | 12 | 4 | | | 7.3 | 8.0 | 4 | 12 | 4.2 | 2.4 | 9.4 | 22 |
| TOTAL INDIVIDUALS | | 85 | 148 | 91 | | | 108.0 | 116.5 | 85 | 148 | 34.8 | 20.1 | 78.2 | 324 |
| TOTAL SPECIES | | 32 | 16 | 25 | | | 20.7 | 20.5 | 16 | 25 | 4.5 | 2.6 | 10.1 | 62 |

Benthic Community Data

| | 25 | 53 | 40 | 39.3 | 39.0 | 25 | 53 | 14.0 | 8.1 | 31.5 | 118 |
|-------------------------|----|----|----|------|------|----|----|------|-----|------|-----|
| TOTAL CRUST. INDIV. | 10 | 5 | 7 | 7.0 | 7.0 | 5 | 9 | 2.0 | 1.2 | 4.5 | 21 |
| TOTAL CRUST. SP. | 19 | 42 | 36 | 32.3 | 30.5 | 19 | 42 | 11.9 | 6.9 | 26.8 | 97 |
| GAMMARID INDIV. | 7 | 3 | 6 | 5.0 | 4.5 | 3 | 6 | 1.7 | 1.0 | 3.9 | 15 |
| GAMMARID SP. | 6 | 11 | 4 | 7.0 | 7.5 | 4 | 11 | 3.6 | 2.1 | 8.1 | 21 |
| OTHER CRUSTACEAN INDIV. | 3 | 2 | 3 | 2.0 | 2.0 | 1 | 3 | 1.0 | 0.6 | 2.3 | 6 |
| OTHER CRUSTACEAN SP. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM INDIV. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM SP. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL MOLLUSC INDIV. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL MOLLUSC SP. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL POLYCHAETE INDIV. | 51 | 66 | 46 | 54.3 | 56.0 | 46 | 66 | 10.4 | 6.0 | 23.4 | 163 |
| TOTAL POLYCHAETE SP. | 18 | 9 | 12 | 11.0 | 10.5 | 9 | 12 | 1.7 | 1.0 | 3.9 | 33 |

STANUM IDORG LEG DATE:
80025.3 90 5 10/14/92

STATION ANAHEIM BAY, OIL ISLAND

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|------------------------------|------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Aphelocheata multafilis | Polychaeta | 2 | 5 | 2 | | | 3.0 | 3.5 | 2 | 5 | 1.7 | 1.0 | 3.9 | 9 |
| Brania brevipharyngea | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Cossura candida | Polychaeta | 5 | 7 | 8 | | | 6.7 | 6.5 | 5 | 8 | 1.5 | 0.9 | 3.4 | 20 |
| Eranno lagunae | Polychaeta | 1 | 1 | 0 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Euchone limnicola | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Fabricinuda limnicola | Polychaeta | 1 | 1 | 0 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Glycera convoluta | Polychaeta | 1 | 0 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Goniada littorea | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Mediomastus californiensis | Polychaeta | 9 | 19 | 21 | | | 16.3 | 15.0 | 9 | 21 | 6.4 | 3.7 | 14.5 | 49 |
| Monticellina sp. C | Polychaeta | 0 | 0 | 2 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Nephtys caecoides | Polychaeta | 2 | 0 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Nephtys signifera | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Nereis procerca | Polychaeta | 1 | 0 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Polydora cornuta | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Prionospio heterobranchia | Polychaeta | 1 | 0 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Scolecopsis quinqueidentata | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Scoletoma erecta | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Sphaerosyllis californiensis | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Spiophanes mississtonensis | Polychaeta | 3 | 0 | 1 | | | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| Streblospio benedicti | Polychaeta | 1 | 4 | 6 | | | 3.7 | 3.5 | 1 | 6 | 2.5 | 1.5 | 5.7 | 11 |
| nematoda | Nematoda | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |

Benthic Community Data

| | | | | | | | | | | | | | |
|--------------------------------|----|----|----|-----|--|------|------|----|-----|------|-----|------|-----|
| nemertea | | 1 | 5 | 0 | | 2.0 | 2.5 | 0 | 5 | 2.6 | 1.5 | 6.0 | 6 |
| oligochaeta | | 0 | 1 | 4 | | 1.7 | 2.0 | 0 | 4 | 2.1 | 1.2 | 4.7 | 5 |
| Rudillembooides stenopropodus | | 14 | 20 | 24 | | 19.3 | 19.0 | 14 | 24 | 5.0 | 2.9 | 11.3 | 58 |
| Amphideutopus oculatus | | 1 | 0 | 0 | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Photis sp. | | 0 | 1 | 0 | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Grandidierella japonica | | 9 | 1 | 2 | | 4.0 | 5.0 | 1 | 9 | 4.4 | 2.5 | 9.8 | 12 |
| Bathyleberis californica | | 0 | 2 | 0 | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Mayerella banksia | | 1 | 5 | 10 | | 5.3 | 5.5 | 1 | 10 | 4.5 | 2.6 | 10.1 | 16 |
| Caprella sp. | | 1 | 0 | 0 | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Leptochelia dubia | | 1 | 2 | 0 | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Hyale sp. | | 1 | 0 | 0 | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Monoculodes hartmanae | | 0 | 1 | 0 | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Microjassa litotes | | 0 | 1 | 0 | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Macra californica | | 1 | 0 | 0 | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Theora fragilis | | 1 | 0 | 0 | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Cylichna diegensis | | 1 | 1 | 0 | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Leptosynaptus sp. | | 0 | 0 | 1 | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Edwardsia sp. | | 1 | 0 | 2 | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Molpadia | | 10 | 7 | 6 | | 7.7 | 8.0 | 6 | 10 | 2.1 | 1.2 | 4.7 | 23 |
| Phoronid | | 1 | 0 | 3 | | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| | | 75 | 84 | 100 | | 86.3 | 87.5 | 75 | 100 | 12.7 | 7.3 | 28.5 | 259 |
| TOTAL INDIVIDUALS | | | | | | | | | | | | | |
| TOTAL SPECIES | 41 | 29 | 18 | 22 | | 23.0 | 23.5 | 18 | 29 | 5.6 | 3.2 | 12.5 | 69 |
| TOTAL CRUST. INDIV. | | 28 | 33 | 36 | | 32.3 | 32.0 | 28 | 36 | 4.0 | 2.3 | 9.1 | 97 |
| TOTAL CRUST. SP. | 11 | 7 | 8 | 3 | | 6.0 | 5.5 | 3 | 8 | 2.6 | 1.5 | 6.0 | 18 |
| GAMMARID INDIV. | | 26 | 29 | 36 | | 30.3 | 31.0 | 26 | 36 | 5.1 | 3.0 | 11.5 | 91 |
| GAMMARID SP. | 8 | 5 | 6 | 3 | | 4.7 | 4.5 | 3 | 6 | 1.5 | 0.9 | 3.4 | 14 |
| OTHER CRUSTACEAN INDIV. | | 2 | 4 | 0 | | 2.0 | 2.0 | 0 | 4 | 2.0 | 1.2 | 4.5 | 6 |
| OTHER CRUSTACEAN SP. | 3 | 2 | 2 | 0 | | 1.3 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 4 |
| TOTAL ECHINODERM INDIV. | | 0 | 0 | 1 | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| TOTAL ECHINODERM SP. | 1 | 0 | 0 | 1 | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| TOTAL MOLLUSC INDIV. | | 3 | 1 | 0 | | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| TOTAL MOLLUSC SP. | 3 | 3 | 1 | 0 | | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| TOTAL POLYCHAETE INDIV. | | 31 | 37 | 47 | | 38.3 | 39.0 | 31 | 47 | 8.1 | 4.7 | 18.2 | 115 |
| TOTAL POLYCHAETE SP. | 20 | 15 | 6 | 13 | | 11.3 | 10.5 | 6 | 15 | 4.7 | 2.7 | 10.6 | 34 |

Benthic Community Data

STANUM 85002 IDORG LEG DATE
1388 34 09/01/94

STATION NEWPORT BAY (616)

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|--------------------------------|------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Aphelocheata cf. parva | Polychaeta | 3 | 5 | 0 | | | 2.7 | 2.5 | 0 | 5 | 2.5 | 1.5 | 5.7 | 8 |
| Aphelocheata sp. | Polychaeta | 2 | 3 | 0 | | | 1.7 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 5 |
| Armandia brevis | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Cirratulus cirratus | Polychaeta | 2 | 2 | 1 | | | 1.7 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 5 |
| Cirriformia spirabranchia | Polychaeta | 19 | 17 | 9 | | | 15.0 | 14.0 | 9 | 19 | 5.3 | 3.1 | 11.9 | 45 |
| Cossura candida | Polychaeta | 0 | 3 | 2 | | | 1.7 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 5 |
| Cossura sp. A | Polychaeta | 2 | 1 | 1 | | | 1.3 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 4 |
| Diplocirrus sp. | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Dorvillea longicornis | Polychaeta | 30 | 0 | 10 | | | 13.3 | 15.0 | 0 | 30 | 15.3 | 8.8 | 34.4 | 40 |
| Euchone limnicola | Polychaeta | 2 | 4 | 0 | | | 2.0 | 2.0 | 0 | 4 | 2.0 | 1.2 | 4.5 | 6 |
| Exogone lourei | Polychaeta | 2 | 29 | 0 | | | 10.3 | 14.5 | 0 | 29 | 16.2 | 9.4 | 36.4 | 31 |
| Fabriciinae sp. A | Polychaeta | 2 | 0 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Leitoscoloplos pugettensis | Polychaeta | 5 | 2 | 4 | | | 3.7 | 3.5 | 2 | 5 | 1.5 | 0.9 | 3.4 | 11 |
| Mediomastus californiensis | Polychaeta | 4 | 24 | 7 | | | 11.7 | 14.0 | 4 | 24 | 10.8 | 6.2 | 24.3 | 35 |
| Mediomastus sp. | Polychaeta | 3 | 15 | 6 | | | 8.0 | 9.0 | 3 | 15 | 6.2 | 3.6 | 14.1 | 24 |
| Monticellina dorsobranchialis | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Neanthes acuminata | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Nephtys cornuta | Polychaeta | 0 | 0 | 4 | | | 1.3 | 2.0 | 0 | 4 | 2.3 | 1.3 | 5.2 | 4 |
| Nereis procerca | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Paraprionospio pinnata | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Pherusa capulata | Polychaeta | 2 | 4 | 0 | | | 2.0 | 2.0 | 0 | 4 | 2.0 | 1.2 | 4.5 | 6 |
| Polyophthalmus pictus | Polychaeta | 2 | 0 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Prionospio heterobranchia | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Prionospio lighti | Polychaeta | 0 | 9 | 0 | | | 3.0 | 4.5 | 0 | 9 | 5.2 | 3.0 | 11.7 | 9 |
| Pseudopolydora paucibranchiata | Polychaeta | 3 | 2 | 2 | | | 2.3 | 2.5 | 2 | 3 | 0.6 | 0.3 | 1.3 | 7 |
| Scoletoma minima | Polychaeta | 5 | 6 | 4 | | | 5.0 | 5.0 | 4 | 6 | 1.0 | 0.6 | 2.3 | 15 |
| Scoletoma sp. | Polychaeta | 13 | 10 | 3 | | | 8.7 | 8.0 | 3 | 13 | 5.1 | 3.0 | 11.5 | 26 |
| Scoletoma zonata | Polychaeta | 9 | 14 | 19 | | | 14.0 | 14.0 | 9 | 19 | 5.0 | 2.9 | 11.3 | 42 |
| Sthenelanelia uniformis | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Streblospio benedicti | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Syllides japonica | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| nematoda | Nematoda | 0 | 12 | 8 | | | 6.7 | 6.0 | 0 | 12 | 6.1 | 3.5 | 13.7 | 20 |
| nemertea | Nemertea | 0 | 4 | 1 | | | 1.7 | 2.0 | 0 | 4 | 2.1 | 1.2 | 4.7 | 5 |
| Leptopecten latiauratus | Mollusca | 0 | 2 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |

Benthic Community Data

| | 7 | 15 | 1 | 15 | 8.0 | 7.7 | 8.0 | 1 | 15 | 7.0 | 4.1 | 15.8 | 23 |
|----------------------------------|-----|-----|----|-----|-------|-------|-------|----|-----|------|------|-------|-----|
| Musculista senhousci | | | | | | | | | | | | | |
| Odostomia sp. | 21 | 1 | 0 | | 10.5 | 7.3 | 10.5 | 0 | 21 | 11.8 | 6.8 | 26.7 | 22 |
| Theora fragilis | 0 | 2 | 0 | | 1.0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Acuminodeutopus heteruropus | 6 | 3 | 2 | | 4.0 | 3.7 | 4.0 | 2 | 6 | 2.1 | 1.2 | 4.7 | 11 |
| Anatanais pseudonormani | 2 | 2 | 0 | | 1.0 | 1.3 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 4 |
| Bathyleberis = Cylindroleberidae | 1 | 0 | 0 | | 0.5 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Bermos concavus | 2 | 0 | 0 | | 1.0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Elasmopus bampo | 0 | 6 | 1 | | 3.0 | 2.3 | 3.0 | 0 | 6 | 3.2 | 1.9 | 7.2 | 7 |
| Eobrolgus spinosus | 0 | 1 | 0 | | 0.5 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Liljeborgia sp. | 1 | 0 | 0 | | 0.5 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Lophopanopeus sp. | 0 | 2 | 0 | | 1.0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Monoculodes hartmanae | 0 | 1 | 3 | | 1.5 | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| Paranthura elegans | 1 | 0 | 1 | | 0.5 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Podocerus cristatus | 0 | 1 | 0 | | 0.5 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| TOTAL INDIVIDUALS | 154 | 206 | 92 | | 150.7 | 149.0 | 149.0 | 92 | 206 | 57.1 | 33.0 | 128.4 | 452 |
| TOTAL SPECIES | 48 | 29 | 34 | 23 | 28.7 | 28.5 | 28.5 | 23 | 34 | 5.5 | 3.2 | 12.4 | 86 |
| TOTAL CRUST. INDIV. | 13 | 16 | 7 | 7 | 12.0 | 11.5 | 11.5 | 7 | 16 | 4.6 | 2.6 | 10.3 | 36 |
| TOTAL CRUST. SP. | 11 | 6 | 7 | 4 | 5.7 | 5.5 | 5.5 | 4 | 7 | 1.5 | 0.9 | 3.4 | 17 |
| GAMMARID INDIV. | 9 | 12 | 6 | 6 | 9.0 | 9.0 | 9.0 | 6 | 12 | 3.0 | 1.7 | 6.8 | 27 |
| GAMMARID SP. | 7 | 3 | 5 | 3 | 3.7 | 4.0 | 4.0 | 3 | 5 | 1.2 | 0.7 | 2.6 | 11 |
| OTHER CRUSTACEAN INDIV. | 4 | 4 | 4 | 1 | 3.0 | 2.5 | 2.5 | 1 | 4 | 1.7 | 1.0 | 3.9 | 9 |
| OTHER CRUSTACEAN SP. | 4 | 3 | 2 | 1 | 2.0 | 2.0 | 2.0 | 1 | 3 | 1.0 | 0.6 | 2.3 | 6 |
| TOTAL ECHINODERM INDIV. | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM SP. | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL MOLLUSC INDIV. | 28 | 20 | 1 | 1 | 16.3 | 14.5 | 14.5 | 1 | 28 | 13.9 | 8.0 | 31.2 | 49 |
| TOTAL MOLLUSC SP. | 4 | 2 | 4 | 1 | 2.3 | 2.5 | 2.5 | 1 | 4 | 1.5 | 0.9 | 3.4 | 7 |
| TOTAL POLYCHAETE INDIV. | 113 | 154 | 75 | 154 | 114.0 | 114.5 | 114.5 | 75 | 154 | 39.5 | 22.8 | 88.9 | 342 |
| TOTAL POLYCHAETE SP. | 31 | 21 | 21 | 16 | 19.3 | 18.5 | 18.5 | 16 | 21 | 2.9 | 1.7 | 6.5 | 58 |

STANUM 85003 STATION NEWPORT BAY (791) IDORG 1389 LEG 34 DATE 08/31/94

| SPECIES | NO. PER CORE | | | | SUMMARY STATISTICS | | | | | | | | |
|---------------------------|--------------|-------|-------|-------|--------------------|------|--------|-----|-----|----------|------|-------|-----|
| | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Aphelocheata cf. parva | 3 | 1 | 0 | | | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| Aphelocheata sp. | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Cirriiformia spirabrancha | 14 | 4 | 6 | | | 8.0 | 9.0 | 4 | 14 | 5.3 | 3.1 | 11.9 | 24 |
| Cossura candida | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Cossura sp. A | 23 | 10 | 6 | | | 13.0 | 14.5 | 6 | 23 | 8.9 | 5.1 | 20.0 | 39 |

Benthic Community Data

| | | | | | | | | | | | | |
|---|----|----|----|------|------|---|----|-----|-----|------|-----|---|
| <i>Upplocirrus</i> sp. | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| <i>Dorvillea longicornis</i> | 5 | 2 | 3 | 3.3 | 3.5 | 2 | 5 | 1.5 | 0.9 | 3.4 | 10 | |
| <i>Euchone limnicola</i> | 4 | 7 | 9 | 6.7 | 6.5 | 4 | 9 | 2.5 | 1.5 | 5.7 | 20 | |
| <i>Exogone cf. verugera</i> | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| <i>Exogone lourei</i> | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| <i>Fabricinuda limnicola</i> | 1 | 1 | 0 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 | |
| <i>Leitoscoloplos pegettensis</i> | 22 | 23 | 8 | 17.7 | 15.5 | 8 | 23 | 8.4 | 4.8 | 18.9 | 53 | |
| <i>Mediomastus ambiseta</i> | 2 | 3 | 7 | 4.0 | 4.5 | 2 | 7 | 2.6 | 1.5 | 6.0 | 12 | |
| <i>Mediomastus</i> sp. | 2 | 4 | 8 | 4.7 | 5.0 | 2 | 8 | 3.1 | 1.8 | 6.9 | 14 | |
| <i>Nephtys caecoides</i> | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| <i>Nephtys cornuta</i> | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| <i>Nereis procer</i> | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| <i>Pista cf. alata</i> | 9 | 4 | 6 | 6.3 | 6.5 | 4 | 9 | 2.5 | 1.5 | 5.7 | 19 | |
| <i>Prionospio heterobranchia</i> | 1 | 4 | 0 | 1.7 | 2.0 | 0 | 4 | 2.1 | 1.2 | 4.7 | 5 | |
| <i>Pseudopolydora paucibranchiata</i> | 4 | 9 | 1 | 4.7 | 5.0 | 1 | 9 | 4.0 | 2.3 | 9.1 | 14 | |
| <i>Scoletoma zonata</i> | 6 | 9 | 7 | 7.3 | 7.5 | 6 | 9 | 1.5 | 0.9 | 3.4 | 22 | |
| <i>Sphaerosyllis californiensis</i> | 3 | 0 | 2 | 1.7 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 5 | |
| <i>Spiophanes missionensis</i> | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| nematoda | 0 | 5 | 16 | 7.0 | 8.0 | 0 | 16 | 8.2 | 4.7 | 18.4 | 21 | |
| nemertea | 3 | 1 | 1 | 1.7 | 2.0 | 1 | 3 | 1.2 | 0.7 | 2.6 | 5 | |
| oligochaeta | 0 | 3 | 2 | 1.7 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 5 | |
| phoronida | 1 | 1 | 0 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 | |
| <i>Aeteocina</i> sp. | 1 | 1 | 2 | 1.3 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 4 | |
| <i>Musculista senhousi</i> | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| <i>Odostomia</i> sp. | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| <i>Protothaca staminea</i> | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| <i>Tagelus subteres</i> | 0 | 4 | 4 | 2.7 | 2.0 | 0 | 4 | 2.3 | 1.3 | 5.2 | 8 | |
| <i>Theora fragilis</i> | 3 | 3 | 0 | 2.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 6 | |
| <i>Acuminodeutopus heteruropus</i> | 1 | 3 | 0 | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 | |
| <i>Anatanais pseudonormani</i> | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| <i>Bathyleberis = Cylindroleberidac</i> | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| <i>Bemlos concavus</i> | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| <i>Euphilomedes carcharodonta</i> | 2 | 1 | 0 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 | |
| <i>Leptognathia</i> sp. A | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| <i>Mayerella banksia</i> | 8 | 2 | 4 | 4.7 | 5.0 | 2 | 8 | 3.1 | 1.8 | 6.9 | 14 | |
| <i>Monoculodes hartmanae</i> | 2 | 0 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 | |
| <i>Paranthurus elegans</i> | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| <i>Rudilemboides stenopropodus</i> | 5 | 5 | 2 | 4.0 | 3.5 | 2 | 5 | 1.7 | 1.0 | 3.9 | 12 | |
| anemone | 0 | 2 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 | |

Benthic Community Data

| | | | | | | | | | | | | |
|----------------------------------|----|----|----|------|------|---|----|-----|-----|------|-----|---|
| Diplocirrus sp. | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Dorvillea longicornis | 5 | 2 | 3 | 3.3 | 3.5 | 2 | 5 | 1.5 | 0.9 | 3.4 | 10 | |
| Euchone limnicola | 4 | 7 | 9 | 6.7 | 6.5 | 4 | 9 | 2.5 | 1.5 | 5.7 | 20 | |
| Exogone cf. verugera | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| Exogone lourei | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| Fabricinuda limnicola | 1 | 1 | 0 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 | |
| Leitoscoloplos pugettensis | 22 | 23 | 8 | 17.7 | 15.5 | 8 | 23 | 8.4 | 4.8 | 18.9 | 53 | |
| Mediomastus ambiseta | 2 | 3 | 7 | 4.0 | 4.5 | 2 | 7 | 2.6 | 1.5 | 6.0 | 12 | |
| Mediomastus sp. | 2 | 4 | 8 | 4.7 | 5.0 | 2 | 8 | 3.1 | 1.8 | 6.9 | 14 | |
| Nephtys caecoides | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| Nephtys cornuta | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| Nereis procer | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| Pista cf. alata | 9 | 4 | 6 | 6.3 | 6.5 | 4 | 9 | 2.5 | 1.5 | 5.7 | 19 | |
| Pronospio heterobranchia | 1 | 4 | 0 | 1.7 | 2.0 | 0 | 4 | 2.1 | 1.2 | 4.7 | 5 | |
| Pseudopolydora paucibranchiata | 4 | 9 | 1 | 4.7 | 5.0 | 1 | 9 | 4.0 | 2.3 | 9.1 | 14 | |
| Scoletoma zonata | 6 | 9 | 7 | 7.3 | 7.5 | 6 | 9 | 1.5 | 0.9 | 3.4 | 22 | |
| Sphaerosyllis californiensis | 3 | 0 | 2 | 1.7 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 5 | |
| Spiophanes missionensis | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| nematoda | 0 | 5 | 16 | 7.0 | 8.0 | 0 | 16 | 8.2 | 4.7 | 18.4 | 21 | |
| nemertea | 3 | 1 | 1 | 1.7 | 2.0 | 1 | 3 | 1.2 | 0.7 | 2.6 | 5 | |
| oligochaeta | 0 | 3 | 2 | 1.7 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 5 | |
| phoronida | 1 | 1 | 0 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 | |
| Acteocina sp. | 1 | 1 | 2 | 1.3 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 4 | |
| Musculista senhousi | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| Odotomia sp. | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| Protohaca staminea | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| Tagelus subteres | 0 | 4 | 4 | 2.7 | 2.0 | 0 | 4 | 2.3 | 1.3 | 5.2 | 8 | |
| Theora fragilis | 3 | 3 | 0 | 2.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 6 | |
| Acuminodeutopus heteruropus | 1 | 3 | 0 | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 | |
| Anatanais pseudonormani | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| Bathyleberis = Cylindroleberidae | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| Bemlos concavus | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| Euphilomedes carcharodonta | 2 | 1 | 0 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 | |
| Leptognathia sp. A | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| Mayerella banksia | 8 | 2 | 4 | 4.7 | 5.0 | 2 | 8 | 3.1 | 1.8 | 6.9 | 14 | |
| Monoculodes hartmanae | 2 | 0 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 | |
| Paranthura elegans | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | |
| Rudilimbooides stenopropodus | 5 | 5 | 2 | 4.0 | 3.5 | 2 | 5 | 1.7 | 1.0 | 3.9 | 12 | |
| anemone | 0 | 2 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 | |

Benthic Community Data

| | 131 | 116 | 101 | | 116.0 | 116.0 | 101 | 131 | 15.0 | 8.7 | 33.8 | 348 |
|-------------------------|-----|-----|-----|--|-------|-------|-----|-----|------|------|------|-----|
| TOTAL INDIVIDUALS | 44 | 29 | 25 | | 27.7 | 27.0 | 25 | 29 | 2.3 | 1.3 | 5.2 | 83 |
| TOTAL SPECIES | 21 | 12 | 7 | | 13.3 | 14.0 | 7 | 21 | 7.1 | 4.1 | 16.0 | 40 |
| TOTAL CRUST. INDIV. | 10 | 8 | 3 | | 5.3 | 5.5 | 3 | 8 | 2.5 | 1.5 | 5.7 | 16 |
| TOTAL CRUST. SP. | 4 | 3 | 0 | | 2.3 | 2.0 | 0 | 4 | 2.1 | 1.2 | 4.7 | 7 |
| GAMMARID INDIV. | 3 | 3 | 1 | | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| GAMMARID SP. | 17 | 9 | 7 | | 11.0 | 12.0 | 7 | 17 | 5.3 | 3.1 | 11.9 | 33 |
| OTHER CRUSTACEAN INDIV. | 5 | 4 | 3 | | 4.0 | 4.0 | 3 | 5 | 1.0 | 0.6 | 2.3 | 12 |
| OTHER CRUSTACEAN SP. | 0 | 0 | 0 | | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM INDIV. | 0 | 0 | 0 | | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM SP. | 4 | 9 | 8 | | 7.0 | 6.5 | 4 | 9 | 2.6 | 1.5 | 6.0 | 21 |
| TOTAL MOLLUSC INDIV. | 6 | 2 | 4 | | 3.3 | 3.0 | 2 | 4 | 1.2 | 0.7 | 2.6 | 10 |
| TOTAL MOLLUSC SP. | 102 | 83 | 67 | | 84.0 | 84.5 | 67 | 102 | 17.5 | 10.1 | 39.4 | 252 |
| TOTAL POLYCHAETE INDIV. | 23 | 17 | 15 | | 15.7 | 16.0 | 15 | 17 | 1.2 | 0.7 | 2.6 | 47 |
| TOTAL POLYCHAETE SP. | | | | | | | | | | | | |

STANUM 85001 IDORG LEG DATE: 1387 34 09/01/94

STATION NEWPORT BAY (523)

| SPECIES | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|--------------------------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|---------|------|-------|-----|
| | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St.Dev. | S.E. | 95%CL | sum |
| Aphelocheata cf. parva | 3 | 0 | 3 | | | 2.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 6 |
| Aphelocheata sp. | 8 | 2 | 3 | | | 4.3 | 5.0 | 2 | 8 | 3.2 | 1.9 | 7.2 | 13 |
| Cirratulus cirratus | 0 | 2 | 3 | | | 1.7 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 5 |
| Cirriformia spirabranchia | 5 | 19 | 24 | | | 16.0 | 14.5 | 5 | 24 | 9.8 | 5.7 | 22.2 | 48 |
| Cossura sp. A | 2 | 3 | 4 | | | 3.0 | 3.0 | 2 | 4 | 1.0 | 0.6 | 2.3 | 9 |
| Diplocirrus sp. | 2 | 0 | 1 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Dorvillea longicornis | 6 | 0 | 1 | | | 2.3 | 3.0 | 0 | 6 | 3.2 | 1.9 | 7.2 | 7 |
| Euchoe limnicola | 1 | 0 | 4 | | | 1.7 | 2.0 | 0 | 4 | 2.1 | 1.2 | 4.7 | 5 |
| Exogone lourei | 9 | 0 | 4 | | | 4.3 | 4.5 | 0 | 9 | 4.5 | 2.6 | 10.1 | 13 |
| Fabricinuda limnicola | 1 | 3 | 10 | | | 4.7 | 5.5 | 1 | 10 | 4.7 | 2.7 | 10.6 | 14 |
| Leitoscoloplos pugeitensis | 28 | 9 | 25 | | | 20.7 | 18.5 | 9 | 28 | 10.2 | 5.9 | 23.0 | 62 |
| Mediomastus ambiseta | 0 | 3 | 1 | | | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| Mediomastus sp. | 8 | 2 | 8 | | | 6.0 | 5.0 | 2 | 8 | 3.5 | 2.0 | 7.8 | 18 |
| Nephtys cornuta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Pista cf. alata | 1 | 4 | 4 | | | 3.0 | 2.5 | 1 | 4 | 1.7 | 1.0 | 3.9 | 9 |
| Polyophthalmus pictus | 2 | 0 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Prionospio heterobranchia | 2 | 0 | 4 | | | 2.0 | 2.0 | 0 | 4 | 2.0 | 1.2 | 4.5 | 6 |
| Pseudopolydora paucibranchiata | 41 | 5 | 57 | | | 34.3 | 31.0 | 5 | 57 | 26.6 | 15.4 | 59.9 | 103 |
| Scolecopsis quequidantata | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |

Benthic Community Data

| | | | | | | | | | | | |
|----------------------------------|-----|----|-----|-------|-------|----|-----|-------|------|-------|-----|
| Scoletoma minima | 5 | 8 | 6 | 6.3 | 6.5 | 5 | 8 | 1.5 | 0.9 | 3.4 | 19 |
| Scoletoma zonata | 5 | 6 | 11 | 7.3 | 8.0 | 5 | 11 | 3.2 | 1.9 | 7.2 | 22 |
| Spharosyllis californiensis | 6 | 2 | 2 | 3.3 | 4.0 | 2 | 6 | 2.3 | 1.3 | 5.2 | 10 |
| nematoda | 79 | 11 | 63 | 51.0 | 45.0 | 11 | 79 | 35.6 | 20.5 | 80.0 | 153 |
| nemertea | 3 | 0 | 1 | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| oligochaeta | 8 | 1 | 2 | 3.7 | 4.5 | 1 | 8 | 3.8 | 2.2 | 8.5 | 11 |
| phoronida | 1 | 0 | 1 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Acteocina sp. | 3 | 0 | 3 | 2.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 6 |
| Aglaja sp. | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Musculista senhousi | 10 | 3 | 10 | 7.7 | 6.5 | 3 | 10 | 4.0 | 2.3 | 9.1 | 23 |
| Theora fragilis | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Acuminodeutopus heteruopus | 3 | 3 | 2 | 2.7 | 2.5 | 2 | 3 | 0.6 | 0.3 | 1.3 | 8 |
| Bathyleberis = Cylindroleberidae | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Euphillomedes carcharodonta | 12 | 0 | 2 | 4.7 | 6.0 | 0 | 12 | 6.4 | 3.7 | 14.5 | 14 |
| Mayerella banksia | 7 | 3 | 8 | 6.0 | 5.5 | 3 | 8 | 2.6 | 1.5 | 6.0 | 18 |
| Paranthura elegans | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| pycnogonid | 2 | 1 | 0 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| cucumber | 10 | 9 | 6 | 8.3 | 8.0 | 6 | 10 | 2.1 | 1.2 | 4.7 | 25 |
| anemone | 2 | 0 | 1 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| | 278 | 99 | 277 | 218.0 | 188.5 | 99 | 278 | 103.1 | 59.5 | 231.9 | 654 |
| TOTAL INDIVIDUALS | | | | | | | | | | | |
| TOTAL SPECIES | 38 | 20 | 33 | 28.7 | 26.5 | 20 | 33 | 7.5 | 4.3 | 16.9 | 86 |
| TOTAL CRUST. INDIV. | 23 | 6 | 13 | 14.0 | 14.5 | 6 | 23 | 8.5 | 4.9 | 19.2 | 42 |
| TOTAL CRUST. SP. | 5 | 2 | 4 | 3.3 | 3.0 | 2 | 4 | 1.2 | 0.7 | 2.6 | 10 |
| GAMMARID INDIV. | 3 | 3 | 2 | 2.7 | 2.5 | 2 | 3 | 0.6 | 0.3 | 1.3 | 8 |
| GAMMARID SP. | 1 | 1 | 1 | 1.0 | 1.0 | 1 | 1 | 0.0 | 0.0 | 0.0 | 3 |
| OTHER CRUSTACEAN INDIV. | 20 | 3 | 11 | 11.3 | 11.5 | 3 | 20 | 8.5 | 4.9 | 19.1 | 34 |
| OTHER CRUSTACEAN SP. | 4 | 3 | 3 | 2.3 | 2.0 | 1 | 3 | 1.2 | 0.7 | 2.6 | 7 |
| TOTAL ECHINODERM INDIV. | 10 | 9 | 6 | 8.3 | 8.0 | 6 | 10 | 2.1 | 1.2 | 4.7 | 25 |
| TOTAL ECHINODERM SP. | 1 | 1 | 1 | 1.0 | 1.0 | 1 | 1 | 0.0 | 0.0 | 0.0 | 3 |
| TOTAL MOLLUSC INDIV. | 14 | 3 | 14 | 10.3 | 8.5 | 3 | 14 | 6.4 | 3.7 | 14.3 | 31 |
| TOTAL MOLLUSC SP. | 4 | 3 | 3 | 2.3 | 2.0 | 1 | 3 | 1.2 | 0.7 | 2.6 | 7 |
| TOTAL POLYCHAETE INDIV. | 136 | 68 | 176 | 126.7 | 122.0 | 68 | 176 | 54.6 | 31.5 | 122.9 | 380 |
| TOTAL POLYCHAETE SP. | 22 | 19 | 13 | 17.3 | 16.5 | 13 | 20 | 3.8 | 2.2 | 8.5 | 52 |

Benthic Community Data

| SPECIES | TAXA | STANUM | | STATION | | IDORG | | LEG | | DATE | | SUMMARY STATISTICS | | | | | | |
|----------------------------------|-------------|--------|------|-------------------|----|----------|-------|-------|-------|-------|-------|--------------------|--------|-----|------|----------|------|-------|
| | | 85004 | 1390 | NEWPORT BAY (877) | 34 | 09/01/94 | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL |
| Cirriformia spirabranchia | Polychaeta | | | | | 4 | 0 | 0 | | | 1.3 | 2.0 | 0 | 4 | 2.3 | 1.3 | 5.2 | 4 |
| Cossura sp. A | Polychaeta | | | | | 5 | 4 | 0 | | | 3.0 | 2.5 | 0 | 5 | 2.6 | 1.5 | 6.0 | 9 |
| Diplocirrus sp. | Polychaeta | | | | | 0 | 2 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Dorvillea longicornis | Polychaeta | | | | | 4 | 7 | 2 | | | 4.3 | 4.5 | 2 | 7 | 2.5 | 1.5 | 5.7 | 13 |
| Exogone lourei | Polychaeta | | | | | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Leitoscoloplos pugettensis | Polychaeta | | | | | 0 | 2 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Mediomastus californiensis | Polychaeta | | | | | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Mediomastus sp. | Polychaeta | | | | | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Nephtys cornuta | Polychaeta | | | | | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Nereis procerca | Polychaeta | | | | | 4 | 3 | 4 | | | 3.7 | 3.5 | 3 | 4 | 0.6 | 0.3 | 1.3 | 11 |
| Paraprionospio pinnata | Polychaeta | | | | | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Pherusa capulata | Polychaeta | | | | | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Pista alata | Polychaeta | | | | | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Polydora ligni | Polychaeta | | | | | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Pronospio heterobranchia | Polychaeta | | | | | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Pseudopolydora paucibranchiata | Polychaeta | | | | | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Scoletoma zonata | Polychaeta | | | | | 2 | 8 | 0 | | | 3.3 | 4.0 | 0 | 8 | 4.2 | 2.4 | 9.4 | 10 |
| Syllides sp. | Polychaeta | | | | | 0 | 3 | 0 | | | 1.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 3 |
| nematoda | Nematoda | | | | | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| oligochaeta | Oligochaeta | | | | | 1 | 1 | 4 | | | 2.0 | 2.5 | 1 | 4 | 1.7 | 1.0 | 3.9 | 6 |
| Musculista senhousiei | Mollusca | | | | | 3 | 1 | 0 | | | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| Bathyleberis = Cylindroleberidae | Crustacea | | | | | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Bemlos concavus | Crustacea | | | | | 2 | 0 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Elasmopus bampo | Crustacea | | | | | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Euphilomedes carcharodonta | Crustacea | | | | | 0 | 1 | 5 | | | 2.0 | 2.5 | 0 | 5 | 2.6 | 1.5 | 6.0 | 6 |
| Paracercis sculpta | Crustacea | | | | | 1 | 1 | 1 | | | 1.0 | 1.0 | 1 | 1 | 0.0 | 0.0 | 0.0 | 3 |
| Paranthurus elegans | Crustacea | | | | | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| TOTAL INDIVIDUALS | | | | | | 28 | 41 | 20 | | | 29.7 | 30.5 | 20 | 41 | 10.6 | 6.1 | 23.8 | 89 |
| TOTAL SPECIES | | | | | | 27 | 11 | 19 | | | 13.0 | 14.0 | 9 | 19 | 5.3 | 3.1 | 11.9 | 39 |
| TOTAL CRUST. INDIV. | | | | | | 3 | 4 | 7 | | | 4.7 | 5.0 | 3 | 7 | 2.1 | 1.2 | 4.7 | 14 |
| TOTAL CRUST. SP. | | | | | | 6 | 2 | 4 | | | 3.0 | 3.0 | 2 | 4 | 1.0 | 0.6 | 2.3 | 9 |
| GAMMARID INDIV. | | | | | | 2 | 1 | 0 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| GAMMARID SP. | | | | | | 2 | 1 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| OTHER CRUSTACEAN INDIV. | | | | | | 1 | 3 | 7 | | | 3.7 | 4.0 | 1 | 7 | 3.1 | 1.8 | 6.9 | 11 |

Benthic Community Data

OTHER CRUSTACEAN SP.
 TOTAL ECHINODERM INDIV.
 TOTAL ECHINODERM SP.
 TOTAL MOLLUSC INDIV.
 TOTAL MOLLUSC SP.
 TOTAL POLYCHAETE INDIV.
 TOTAL POLYCHAETE SP.

| | | | | | | | | | | | |
|----|----|----|---|------|------|---|----|------|-----|------|----|
| 4 | 1 | 3 | 3 | 2.3 | 2.0 | 1 | 3 | 1.2 | 0.7 | 2.6 | 7 |
| 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| 1 | 3 | 1 | 0 | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| 1 | 1 | 1 | 0 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| 18 | 21 | 34 | 9 | 21.3 | 21.5 | 9 | 34 | 12.5 | 7.2 | 28.1 | 64 |
| | 7 | 12 | 5 | 8.0 | 8.5 | 5 | 12 | 3.6 | 2.1 | 8.1 | 24 |

STANUM 85005 IDORG LRG DATE
 NEWPORT BAY (949) 1391 34 08/31/94

| SPECIES | TAXA | NO. PER CORE | | | | | | | | | | SUMMARY STATISTICS | | | | |
|----------------------------------|-------------|--------------|-------|-------|-------|-------|-------|--------|-----|-----|----------|--------------------|-------|-----|--|--|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum | | |
| Aphelocheata cf. parva | Polychaeta | 3 | 16 | 7 | | | 8.7 | 9.5 | 3 | 16 | 6.7 | 3.8 | 15.0 | 26 | | |
| Capitella capitata complex | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | | |
| Cirriformia spirabrancha | Polychaeta | 16 | 40 | 15 | | | 23.7 | 27.5 | 15 | 40 | 14.2 | 8.2 | 31.8 | 71 | | |
| Cossura pygodactylata | Polychaeta | 1 | 3 | 0 | | | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 | | |
| Cossura sp. A | Polychaeta | 26 | 6 | 0 | | | 10.7 | 13.0 | 0 | 26 | 13.6 | 7.9 | 30.6 | 32 | | |
| Leitoscoloplos puggetensis | Polychaeta | 1 | 1 | 4 | | | 2.0 | 2.5 | 1 | 4 | 1.7 | 1.0 | 3.9 | 6 | | |
| Pherusa capitata | Polychaeta | 0 | 2 | 0 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 | | |
| Prionospio heterobranchia | Polychaeta | 0 | 1 | 1 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 | | |
| Scoletoma zonata | Polychaeta | 0 | 0 | 2 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 | | |
| Sphaerosyllis californiensis | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | | |
| nematoda | Nematoda | 39 | 25 | 37 | | | 33.7 | 32.0 | 25 | 39 | 7.6 | 4.4 | 17.0 | 101 | | |
| nemertea | Nemertea | 0 | 2 | 4 | | | 2.0 | 2.0 | 0 | 4 | 2.0 | 1.2 | 4.5 | 6 | | |
| oligochaeta | Oligochaeta | 95 | 105 | 10 | | | 70.0 | 57.5 | 10 | 105 | 52.2 | 30.1 | 117.5 | 210 | | |
| phoronida | Phoronida | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | | |
| Musculista senhousi | Mollusca | 3 | 4 | 4 | | | 3.7 | 3.5 | 3 | 4 | 0.6 | 0.3 | 1.3 | 11 | | |
| Odostomia sp. | Mollusca | 5 | 7 | 4 | | | 5.3 | 5.5 | 4 | 7 | 1.5 | 0.9 | 3.4 | 16 | | |
| Theora fragilis | Mollusca | 0 | 2 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 | | |
| Amphiothes plumulosa | Crustacea | 0 | 6 | 2 | | | 2.7 | 3.0 | 0 | 6 | 3.1 | 1.8 | 6.9 | 8 | | |
| Bathyleberis = Cylindroleberidae | Crustacea | 0 | 6 | 0 | | | 2.0 | 3.0 | 0 | 6 | 3.5 | 2.0 | 7.8 | 6 | | |
| Bemlos concavus | Crustacea | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | | |
| Corophium acherusicum/insidiosum | Crustacea | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | | |
| Elasmopus bampo | Crustacea | 2 | 7 | 1 | | | 3.3 | 4.0 | 1 | 7 | 3.2 | 1.9 | 7.2 | 10 | | |
| Grandidierella japonica | Crustacea | 4 | 0 | 4 | | | 2.7 | 2.0 | 0 | 4 | 2.3 | 1.3 | 5.2 | 8 | | |
| Paracerecis sculpta | Crustacea | 3 | 2 | 1 | | | 2.0 | 2.0 | 1 | 3 | 1.0 | 0.6 | 2.3 | 6 | | |
| Paranthurus elegans | Crustacea | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 | | |
| TOTAL INDIVIDUALS | | 200 | 238 | 97 | | | 178.3 | 167.5 | 97 | 238 | 73.0 | 42.1 | 164.1 | 535 | | |

Benthic Community Data

| | 25 | 14 | 20 | 15 | 16.3 | 17.0 | 14 | 20 | 3.2 | 1.9 | 7.2 | 49 |
|-------------------------|----|----|----|----|------|------|----|----|------|------|------|-----|
| TOTAL SPECIES | | | | | 16.3 | 17.0 | 14 | 20 | 3.2 | 1.9 | 7.2 | 49 |
| TOTAL CRUST. INDIV. | 8 | 3 | 6 | 5 | 4.7 | 4.5 | 3 | 6 | 1.5 | 0.9 | 3.4 | 14 |
| TOTAL CRUST. SP. | 5 | 2 | 4 | 3 | 3.0 | 3.0 | 2 | 4 | 1.0 | 0.6 | 2.3 | 9 |
| GAMMARID INDIV. | 3 | 1 | 2 | 2 | 1.7 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 5 |
| GAMMARID SP. | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| OTHER CRUSTACEAN INDIV. | 3 | 2 | 3 | 2 | 4.3 | 5.0 | 2 | 8 | 3.2 | 1.9 | 7.2 | 13 |
| OTHER CRUSTACEAN SP. | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM INDIV. | 3 | 2 | 3 | 2 | 2.3 | 2.5 | 2 | 3 | 0.6 | 0.3 | 1.3 | 7 |
| TOTAL ECHINODERM SP. | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL MOLLUSC INDIV. | 10 | 6 | 8 | 5 | 6.3 | 6.5 | 5 | 8 | 1.5 | 0.9 | 3.4 | 19 |
| TOTAL MOLLUSC SP. | 3 | 2 | 3 | 2 | 2.3 | 2.5 | 2 | 3 | 0.6 | 0.3 | 1.3 | 7 |
| TOTAL POLYCHAETE INDIV. | 48 | 70 | 29 | 29 | 49.0 | 49.5 | 29 | 70 | 20.5 | 11.8 | 46.2 | 147 |
| TOTAL POLYCHAETE SP. | 10 | 6 | 8 | 5 | 6.3 | 6.5 | 5 | 8 | 1.5 | 0.9 | 3.4 | 19 |

STANUM 85006 STATION 1392 IDORG 34 LEG DATE 09/01/94
 NEWPORT BAY (1009)

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|--------------------------------|------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Aphelochacta cf. parva | Polychaeta | 23 | 32 | 21 | | | 25.3 | 26.5 | 21 | 32 | 5.9 | 3.4 | 13.2 | 76 |
| Brania brevipharyngea | Polychaeta | 1 | 1 | 2 | | | 1.3 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 4 |
| Capitella capitata complex | Polychaeta | 0 | 2 | 1 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Cirriiformia spiribranchia | Polychaeta | 1 | 0 | 4 | | | 1.7 | 2.0 | 0 | 4 | 2.1 | 1.2 | 4.7 | 5 |
| Cossura sp. A | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Dorvillea longicornis | Polychaeta | 8 | 4 | 6 | | | 6.0 | 6.0 | 4 | 8 | 2.0 | 1.2 | 4.5 | 18 |
| Euchone limnicola | Polychaeta | 4 | 2 | 6 | | | 4.0 | 4.0 | 2 | 6 | 2.0 | 1.2 | 4.5 | 12 |
| Eupolymnia heterobranchia | Polychaeta | 5 | 11 | 6 | | | 7.3 | 8.0 | 5 | 11 | 3.2 | 1.9 | 7.2 | 22 |
| Hydrotus pugnax | Polychaeta | 3 | 7 | 2 | | | 4.0 | 4.5 | 2 | 7 | 2.6 | 1.5 | 6.0 | 12 |
| Mediomastus californiensis | Polychaeta | 0 | 3 | 2 | | | 1.7 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 5 |
| Mediomastus sp. | Polychaeta | 2 | 2 | 1 | | | 1.7 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 5 |
| Megalomma pigmetum | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Nereis procerca | Polychaeta | 4 | 0 | 5 | | | 3.0 | 2.5 | 0 | 5 | 2.6 | 1.5 | 6.0 | 9 |
| Polydora cornuta | Polychaeta | 4 | 5 | 2 | | | 3.7 | 3.5 | 2 | 5 | 1.5 | 0.9 | 3.4 | 11 |
| Prionospio heterobranchia | Polychaeta | 1 | 3 | 0 | | | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| Pseudopolydora paucibranchiata | Polychaeta | 38 | 68 | 53 | | | 53.0 | 53.0 | 38 | 68 | 15.0 | 8.7 | 33.8 | 159 |
| Scoletoma zonata | Polychaeta | 0 | 2 | 1 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Sphaerosyllis californiensis | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Syllides sp. | Polychaeta | 0 | 2 | 2 | | | 1.3 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 4 |
| nematoda | Nematoda | 23 | 10 | 2 | | | 11.7 | 12.5 | 2 | 23 | 10.6 | 6.1 | 23.8 | 35 |

Benthic Community Data

| | 11 | 19 | 7 | 19 | 6.1 | 3.5 | 13.7 | 37 |
|--------------------------------|-----|-----|-----|-----|------|------|------|-----|
| oligochaeta | 11 | 19 | 7 | 19 | 6.1 | 3.5 | 13.7 | 37 |
| phoronida | 0 | 1 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| platyhelminthes | 0 | 1 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Musculista senhousci | 17 | 12 | 16 | 17 | 2.6 | 1.5 | 6.0 | 45 |
| Anatanaia pseudonormani | 1 | 0 | 3 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| Bembos macromanus | 7 | 3 | 7 | 7 | 2.3 | 1.3 | 5.2 | 17 |
| Elasmodus bampo | 36 | 23 | 28 | 36 | 6.6 | 3.8 | 14.8 | 87 |
| Mayerella banksia | 1 | 1 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Melphisiana bola | 1 | 6 | 2 | 6 | 2.6 | 1.5 | 6.0 | 9 |
| Paracerecis sculpta | 0 | 1 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Paranthura elegans | 1 | 0 | 1 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Podocerus cristatus | 0 | 1 | 1 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| TOTAL INDIVIDUALS | 192 | 225 | 181 | 225 | 22.9 | 13.2 | 51.5 | 598 |
| TOTAL SPECIES | 32 | 21 | 28 | 24 | 3.5 | 2.0 | 7.9 | 73 |
| TOTAL CRUST. INDIV. | 47 | 35 | 42 | 47 | 6.0 | 3.5 | 13.6 | 124 |
| TOTAL CRUST. SP. | 8 | 6 | 6 | 6 | 0.0 | 0.0 | 0.0 | 18 |
| GAMMARID INDIV. | 44 | 33 | 38 | 44 | 5.5 | 3.2 | 12.4 | 115 |
| GAMMARID SP. | 4 | 3 | 4 | 4 | 0.6 | 0.3 | 1.3 | 11 |
| OTHER CRUSTACEAN INDIV. | 3 | 2 | 4 | 4 | 1.0 | 0.6 | 2.3 | 9 |
| OTHER CRUSTACEAN SP. | 4 | 3 | 2 | 3 | 0.6 | 0.3 | 1.3 | 7 |
| TOTAL ECHINODERM INDIV. | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM SP. | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL MOLLUSC INDIV. | 17 | 12 | 16 | 17 | 2.6 | 1.5 | 6.0 | 45 |
| TOTAL MOLLUSC SP. | 1 | 1 | 1 | 1 | 0.0 | 0.0 | 0.0 | 3 |
| TOTAL POLYCHAETE INDIV. | 94 | 147 | 114 | 147 | 26.8 | 15.5 | 60.2 | 355 |
| TOTAL POLYCHAETE SP. | 19 | 12 | 17 | 17 | 2.5 | 1.5 | 5.7 | 44 |

STANUM 85007 IDORG 1418 LEG 36 DATE 09/19/94
 STATION NEWPORT BAY (431)

| SPECIES | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|---------------------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Aphelochaeta sp. | 1 | 0 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Cirriiformia spirabrancha | 1 | 0 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Cossura sp. A | 2 | 6 | 1 | 4 | 7 | 4.0 | 4.0 | 1 | 7 | 2.5 | 1.1 | 3.3 | 20 |
| Diplocirrus sp. | 0 | 0 | 0 | 1 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Exogone lourci | 0 | 1 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Fabricinuda limnicola | 1 | 0 | 0 | 2 | 0 | 0.6 | 1.0 | 0 | 2 | 0.9 | 0.4 | 1.1 | 3 |
| Glycera americana | 0 | 0 | 0 | 0 | 1 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |

Benthic Community Data

| | | | | | | | | | | | | | |
|----------------------------------|----|----|---|----|---|------|------|---|----|------|-----|------|----|
| Goniada litorea | 2 | 0 | 1 | 0 | 0 | 0.6 | 1.0 | 0 | 2 | 0.9 | 0.4 | 1.1 | 3 |
| Leitoscoloplos pugettensis | 3 | 12 | 7 | 9 | 5 | 7.2 | 7.5 | 3 | 12 | 3.5 | 1.6 | 4.5 | 36 |
| Mediomastus ambiseta | 6 | 5 | 3 | 2 | 2 | 3.6 | 4.0 | 2 | 6 | 1.8 | 0.8 | 2.3 | 18 |
| Mediomastus sp. | 4 | 2 | 6 | 2 | 7 | 4.2 | 4.5 | 2 | 7 | 2.3 | 1.0 | 2.9 | 21 |
| Monticellina sp. | 0 | 0 | 0 | 1 | 1 | 0.4 | 0.5 | 0 | 1 | 0.5 | 0.2 | 0.7 | 2 |
| Nephtys caecoides | 0 | 0 | 0 | 1 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Nephtys californiensis | 0 | 0 | 0 | 0 | 1 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Nephtys cornuta | 0 | 0 | 1 | 1 | 1 | 0.6 | 0.5 | 0 | 1 | 0.5 | 0.2 | 0.7 | 3 |
| Notomastus tenuis | 0 | 0 | 0 | 0 | 1 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Pritinospio heterobranchia | 0 | 0 | 0 | 0 | 1 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Polychaeta | 0 | 2 | 0 | 1 | 1 | 0.8 | 1.0 | 0 | 2 | 0.8 | 0.4 | 1.1 | 4 |
| Polychaeta | 2 | 0 | 3 | 3 | 1 | 1.8 | 1.5 | 0 | 3 | 1.3 | 0.6 | 1.7 | 9 |
| Polychaeta | 0 | 0 | 1 | 2 | 1 | 0.8 | 1.0 | 0 | 2 | 0.8 | 0.4 | 1.1 | 4 |
| Polychaeta | 9 | 28 | 4 | 6 | 7 | 10.8 | 16.0 | 4 | 28 | 9.8 | 4.4 | 12.6 | 54 |
| Polychaeta | 2 | 0 | 1 | 1 | 2 | 1.2 | 1.0 | 0 | 2 | 0.8 | 0.4 | 1.1 | 6 |
| Polychaeta | 0 | 0 | 0 | 1 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Nematoda | 0 | 0 | 1 | 0 | 1 | 0.4 | 0.5 | 0 | 1 | 0.5 | 0.2 | 0.7 | 2 |
| Nemertea | 0 | 0 | 1 | 0 | 1 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| oligochaeta | 1 | 6 | 3 | 0 | 1 | 0.4 | 0.5 | 0 | 1 | 0.5 | 0.2 | 0.7 | 2 |
| phoronida | 0 | 1 | 0 | 9 | 1 | 2.2 | 3.0 | 0 | 6 | 2.4 | 1.1 | 3.1 | 11 |
| Acteocina sp. | 15 | 2 | 0 | 1 | 0 | 2.2 | 4.5 | 0 | 9 | 3.8 | 1.7 | 4.9 | 11 |
| Epitonium sp. | 0 | 0 | 1 | 0 | 1 | 3.6 | 7.5 | 0 | 15 | 6.4 | 2.9 | 8.3 | 18 |
| Macoma yoldiformis | 0 | 0 | 1 | 0 | 1 | 0.4 | 0.5 | 0 | 1 | 0.5 | 0.2 | 0.7 | 2 |
| Macra californica | 0 | 0 | 0 | 1 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Musculista senhousiei | 0 | 0 | 0 | 1 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Protothaca staminea | 0 | 0 | 0 | 0 | 1 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Tagelus subteres | 7 | 2 | 4 | 7 | 7 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.4 | 1.3 | 5 |
| Tellina carpenteri | 3 | 0 | 1 | 2 | 0 | 5.4 | 4.5 | 2 | 7 | 2.3 | 1.0 | 3.0 | 27 |
| Theora fragilis | 0 | 1 | 0 | 0 | 0 | 1.2 | 1.5 | 0 | 3 | 1.3 | 0.6 | 1.7 | 6 |
| Acuminodeutopus heteruropus | 0 | 3 | 1 | 1 | 1 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Asteropella slatteryi | 1 | 0 | 0 | 0 | 0 | 1.2 | 1.5 | 0 | 3 | 1.1 | 0.5 | 1.4 | 6 |
| Bermos concavus | 0 | 0 | 1 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Corophium acherusicum/insidiosum | 0 | 0 | 1 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Euphilomedes carcharodonta | 1 | 2 | 0 | 0 | 0 | 0.6 | 1.0 | 0 | 2 | 0.9 | 0.4 | 1.1 | 3 |
| Lophopanopeus sp. | 1 | 2 | 0 | 3 | 0 | 1.2 | 1.5 | 0 | 3 | 1.3 | 0.6 | 1.7 | 6 |
| Mayerella banksia | 0 | 0 | 1 | 0 | 1 | 0.4 | 0.5 | 0 | 1 | 0.5 | 0.2 | 0.7 | 2 |
| Monoculodes hartmanae | 0 | 0 | 0 | 0 | 1 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Mysidopsis californica | 0 | 0 | 0 | 1 | 1 | 0.4 | 0.5 | 0 | 1 | 0.5 | 0.2 | 0.7 | 2 |
| Paranthura elegans | 0 | 2 | 0 | 0 | 0 | 0.4 | 1.0 | 0 | 2 | 0.9 | 0.4 | 1.1 | 2 |
| Rudilembooides stenopropodus | 0 | 0 | 0 | 1 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| | 4 | 4 | 0 | 32 | 5 | 9.0 | 16.0 | 0 | 32 | 13.0 | 5.8 | 16.7 | 45 |

Benthic Community Data

| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
|-------------------------|----|----|----|----|----|------|------|----|----|------|-----|------|-----|-----|-----|-----|---|
| Serolis carinata | | | | | | | | | | | | | | | | | |
| Amphiodia sp. | | | | | | | | | | | | | | | | | |
| cucumber | | | | | | | | | | | | | | | | | |
| Crustacea | 66 | 82 | 41 | 99 | 66 | 70.8 | 70.0 | 41 | 99 | 21.5 | 9.6 | 27.7 | 354 | | | | |
| TOTAL INDIVIDUALS | 49 | 19 | 18 | 18 | 28 | 22.4 | 23.5 | 18 | 29 | 5.6 | 2.5 | 7.2 | 112 | | | | |
| TOTAL CRUST. INDIV. | 7 | 13 | 3 | 39 | 9 | 14.2 | 21.0 | 3 | 39 | 14.3 | 6.4 | 18.4 | 71 | | | | |
| TOTAL CRUST. SP. | 12 | 4 | 5 | 3 | 6 | 4.6 | 4.5 | 3 | 6 | 1.1 | 0.5 | 1.5 | 23 | | | | |
| GAMMARID INDIV. | 1 | 5 | 2 | 2 | 2 | 2.4 | 3.0 | 1 | 5 | 1.5 | 0.7 | 1.9 | 12 | | | | |
| GAMMARID SP. | 4 | 1 | 2 | 2 | 2 | 1.8 | 1.5 | 1 | 2 | 0.4 | 0.2 | 0.6 | 9 | | | | |
| OTHER CRUSTACEAN INDIV. | 6 | 8 | 1 | 37 | 7 | 11.8 | 19.0 | 1 | 37 | 14.3 | 6.4 | 18.4 | 59 | | | | |
| OTHER CRUSTACEAN SP. | 8 | 3 | 3 | 1 | 4 | 2.8 | 2.5 | 1 | 4 | 1.1 | 0.5 | 1.4 | 14 | | | | |
| TOTAL ECHINODERM INDIV. | 0 | 0 | 0 | 0 | 0 | 0.6 | 1.5 | 0 | 3 | 1.3 | 0.6 | 1.7 | 3 | | | | |
| TOTAL ECHINODERM SP. | 2 | 0 | 0 | 0 | 2 | 0.4 | 1.0 | 0 | 2 | 0.9 | 0.4 | 1.1 | 2 | | | | |
| TOTAL MOLLUSC INDIV. | 10 | 4 | 6 | 13 | 13 | 9.2 | 8.5 | 4 | 13 | 4.1 | 1.8 | 5.3 | 46 | | | | |
| TOTAL MOLLUSC SP. | 9 | 2 | 3 | 3 | 5 | 3.6 | 3.5 | 2 | 5 | 1.3 | 0.6 | 1.7 | 18 | | | | |
| TOTAL POLYCHAETE INDIV. | 33 | 56 | 28 | 37 | 38 | 38.4 | 42.0 | 28 | 56 | 10.6 | 4.7 | 13.6 | 192 | | | | |
| TOTAL POLYCHAETE SP. | 22 | 11 | 7 | 10 | 15 | 11.4 | 11.0 | 7 | 15 | 3.2 | 1.4 | 4.1 | 57 | | | | |

STANUM 85008 IDORG LEG DATE
 1419 36 09/20/94

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|--------------------------------|-----------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Capitella capitata | Polychaeta | 13 | 27 | 18 | | | 19.3 | 20.0 | 13 | 27 | 7.1 | 4.1 | 16.0 | 58 |
| Cirriiformia spirabranchia | Polychaeta | 14 | 16 | 5 | | | 11.7 | 10.5 | 5 | 16 | 5.9 | 3.4 | 13.2 | 35 |
| Exogone cf. verugera | Polychaeta | 14 | 20 | 13 | | | 15.7 | 16.5 | 13 | 20 | 3.8 | 2.2 | 8.5 | 47 |
| Marphysa sanguinea | Polychaeta | 1 | 3 | 1 | | | 1.7 | 2.0 | 1 | 3 | 1.2 | 0.7 | 2.6 | 5 |
| Nereis procerca | Polychaeta | 4 | 5 | 1 | | | 3.3 | 3.0 | 1 | 5 | 2.1 | 1.2 | 4.7 | 10 |
| Pseudopolydora paucibranchiata | Polychaeta | 99 | 71 | 84 | | | 84.7 | 85.0 | 71 | 99 | 14.0 | 8.1 | 31.5 | 254 |
| Sireblospio benedicti | Polychaeta | 49 | 96 | 50 | | | 65.0 | 72.5 | 49 | 96 | 26.9 | 15.5 | 60.4 | 195 |
| nematoda | Nematoda | 4 | 11 | 20 | | | 11.7 | 12.0 | 4 | 20 | 8.0 | 4.6 | 18.0 | 35 |
| nemertea | Nemertea | 0 | 1 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| oligochaeta | Oligochaeta | 0 | 31 | 7 | | | 12.7 | 15.5 | 0 | 31 | 16.3 | 9.4 | 36.6 | 38 |
| phoronida | Phoronida | 4 | 4 | 8 | | | 5.3 | 6.0 | 4 | 8 | 2.3 | 1.3 | 5.2 | 16 |
| platyhelminthes | Platyhelminthes | 2 | 1 | 0 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Acteocina sp. | Mollusca | 8 | 5 | 6 | | | 6.3 | 6.5 | 5 | 8 | 1.5 | 0.9 | 3.4 | 19 |
| Cerithidea californica | Mollusca | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Musculista senhousci | Mollusca | 29 | 49 | 25 | | | 34.3 | 37.0 | 25 | 49 | 12.9 | 7.4 | 28.9 | 103 |
| Odosstomia sp. | Mollusca | 12 | 8 | 11 | | | 10.3 | 10.0 | 8 | 12 | 2.1 | 1.2 | 4.7 | 31 |

Benthic Community Data

| | 5 | 14 | 5 | 14 | 5 | 14 | 5.2 | 3.0 | 11.7 | 24 |
|----------------------------------|-----|-----|-----|-------|-------|-----|-------|------|-------|------|
| Tagelus subteres | 58 | 133 | 84 | 58 | 133 | 84 | 38.1 | 22.0 | 85.7 | 275 |
| Amphiox valida | 16 | 11 | 4 | 16 | 11 | 4 | 6.0 | 3.5 | 13.6 | 31 |
| Corophium acherusicum/insidiosum | 176 | 186 | 110 | 157.3 | 148.0 | 110 | 41.3 | 23.8 | 92.9 | 472 |
| Grandidierella japonica | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 0.6 | 0.3 | 1.3 | 1 |
| Monoculodes hartmanae | 509 | 692 | 454 | 551.7 | 573.0 | 454 | 124.6 | 71.9 | 280.4 | 1655 |
| TOTAL INDIVIDUALS | 21 | 18 | 19 | 18.7 | 18.5 | 18 | 0.6 | 0.3 | 1.3 | 56 |
| TOTAL SPECIES | 4 | 3 | 3 | 259.7 | 264.0 | 198 | 66.4 | 38.4 | 149.5 | 779 |
| TOTAL CRUST. INDIV. | 4 | 3 | 3 | 3.3 | 3.5 | 3 | 0.6 | 0.3 | 1.3 | 10 |
| TOTAL CRUST. SP. | 4 | 3 | 3 | 3.3 | 3.5 | 3 | 0.6 | 0.3 | 1.3 | 10 |
| GAMMARID INDIV. | 4 | 3 | 3 | 3.3 | 3.5 | 3 | 0.6 | 0.3 | 1.3 | 10 |
| GAMMARID SP. | 4 | 3 | 3 | 3.3 | 3.5 | 3 | 0.6 | 0.3 | 1.3 | 10 |
| OTHER CRUSTACEAN INDIV. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| OTHER CRUSTACEAN SP. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM INDIV. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM SP. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL MOLLUSC INDIV. | 54 | 76 | 48 | 59.3 | 62.0 | 48 | 14.7 | 8.5 | 33.2 | 178 |
| TOTAL MOLLUSC SP. | 5 | 4 | 4 | 4.3 | 4.5 | 4 | 0.6 | 0.3 | 1.3 | 13 |
| TOTAL POLYCHAETE INDIV. | 194 | 238 | 172 | 201.3 | 205.0 | 172 | 33.6 | 19.4 | 75.6 | 604 |
| TOTAL POLYCHAETE SP. | 7 | 7 | 7 | 7.0 | 7.0 | 7 | 0.0 | 0.0 | 0.0 | 21 |

STANUM 85009 IDORG 36 LEG DATE: 09/20/94
 STATION 1420 NEWPORT BAY (705)

| SPECIES | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|----------------------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|---------|------|-------|-----|
| | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St.Dev. | S.E. | 95%CL | sum |
| Aphelochaeta cf. parva | 0 | 0 | 2 | 1 | 0 | 0.6 | 1.0 | 0 | 2 | 0.9 | 0.4 | 1.1 | 3 |
| Brania brevipharyngea | 0 | 3 | 0 | 0 | 0 | 0.6 | 1.5 | 0 | 3 | 1.3 | 0.6 | 1.7 | 3 |
| Capitella capitata | 2 | 1 | 0 | 1 | 0 | 0.8 | 1.0 | 0 | 2 | 0.8 | 0.4 | 1.1 | 4 |
| Chone sp. | 1 | 1 | 0 | 0 | 0 | 0.4 | 0.5 | 0 | 1 | 0.5 | 0.2 | 0.7 | 2 |
| Cirriformia spirabrancha | 5 | 6 | 5 | 5 | 1 | 4.4 | 3.5 | 1 | 6 | 1.9 | 0.9 | 2.5 | 22 |
| Dorvillea longicornis | 3 | 2 | 3 | 0 | 5 | 2.6 | 2.5 | 0 | 5 | 1.8 | 0.8 | 2.3 | 13 |
| Exogone cf. verugera | 1 | 30 | 4 | 11 | 1 | 9.4 | 15.5 | 1 | 30 | 12.2 | 5.5 | 15.7 | 47 |
| Fabricinuda limnicola | 6 | 6 | 15 | 8 | 6 | 8.2 | 10.5 | 6 | 15 | 3.9 | 1.7 | 5.0 | 41 |
| Halosydna johnsoni | 0 | 0 | 1 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Leitoscoloplos pugettensis | 4 | 4 | 4 | 0 | 1 | 2.6 | 2.0 | 0 | 4 | 1.9 | 0.9 | 2.5 | 13 |
| Marphysa sanguinea | 6 | 3 | 2 | 9 | 11 | 6.2 | 6.5 | 2 | 11 | 3.8 | 1.7 | 4.9 | 31 |
| Marphysa spp. juv. | 2 | 1 | 1 | 2 | 1 | 1.4 | 1.5 | 1 | 2 | 0.5 | 0.2 | 0.7 | 7 |
| Mediomastus californiensis | 2 | 5 | 6 | 8 | 8 | 5.8 | 5.0 | 2 | 8 | 2.5 | 1.1 | 3.2 | 29 |
| Megalomma pigmentum | 1 | 0 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |

Benthic Community Data

| | | | | | | | | | | | | | |
|-----------------------------------|-----|-----|-----|-----|-----|-------|-------|-----|-----|------|------|------|-----|
| Nereis procer | 10 | 8 | 11 | 9 | 15 | 10.6 | 11.5 | 8 | 15 | 2.7 | 1.2 | 3.5 | 53 |
| Notomastus tenuis | 0 | 1 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Palaenotus bellis | 0 | 1 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Pista cf. alata | 12 | 7 | 10 | 8 | 13 | 10.0 | 10.0 | 7 | 13 | 2.5 | 1.1 | 3.3 | 50 |
| Polyophthalmus pictus | 1 | 2 | 0 | 1 | 0 | 0.8 | 1.0 | 0 | 2 | 0.8 | 0.4 | 1.1 | 4 |
| Prionospio heterobranchia | 2 | 2 | 0 | 2 | 1 | 1.4 | 1.0 | 0 | 2 | 0.9 | 0.4 | 1.1 | 7 |
| Pseudopolydora paucibranchiata | 6 | 26 | 11 | 5 | 11 | 11.8 | 15.5 | 5 | 26 | 8.4 | 3.8 | 10.8 | 59 |
| Scoletoma minima | 1 | 0 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Scoletoma zonata | 1 | 1 | 5 | 0 | 2 | 1.8 | 2.5 | 0 | 5 | 1.9 | 0.9 | 2.5 | 9 |
| Sphaerosyllis californiensis | 0 | 5 | 1 | 0 | 0 | 1.2 | 2.5 | 0 | 5 | 2.2 | 1.0 | 2.8 | 6 |
| Streblospio benedicti | 0 | 1 | 1 | 0 | 1 | 0.6 | 0.5 | 0 | 1 | 0.5 | 0.2 | 0.7 | 3 |
| Terebella sp. | 1 | 0 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| nematoda | 12 | 115 | 4 | 31 | 18 | 36.0 | 59.5 | 4 | 115 | 45.2 | 20.2 | 58.2 | 180 |
| nemertea | 0 | 1 | 1 | 0 | 0 | 0.4 | 0.5 | 0 | 1 | 0.5 | 0.2 | 0.7 | 2 |
| oligochaeta | 3 | 7 | 20 | 11 | 13 | 10.8 | 11.5 | 3 | 20 | 6.4 | 2.9 | 8.3 | 54 |
| platyhelminthes | 2 | 0 | 0 | 0 | 1 | 0.6 | 1.0 | 0 | 2 | 0.9 | 0.4 | 1.1 | 3 |
| Acteocina sp. | 3 | 2 | 3 | 0 | 0 | 1.6 | 1.5 | 0 | 3 | 1.5 | 0.7 | 1.9 | 8 |
| Aglaja sp. | 1 | 0 | 1 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Bulla gouldiana | 13 | 8 | 12 | 26 | 12 | 14.2 | 17.0 | 8 | 26 | 6.9 | 3.1 | 8.8 | 71 |
| Musculista senhoussei | 0 | 1 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Mya arenaria | 1 | 0 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Ampithoe valida | 0 | 0 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Anatanais pseudonormani | 0 | 0 | 0 | 1 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Bathyleberis = Cyllindroleberidae | 0 | 5 | 2 | 2 | 1 | 2.0 | 2.5 | 0 | 5 | 1.9 | 0.8 | 2.4 | 10 |
| Elasmopus bampo | 4 | 10 | 7 | 5 | 11 | 7.4 | 7.5 | 4 | 11 | 3.0 | 1.4 | 3.9 | 37 |
| Euphilomedes carcharodonta | 0 | 1 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Saeropsis dubia | 0 | 1 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Leptognathia sp. A | 0 | 1 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Mayrella banksia | 0 | 2 | 3 | 0 | 0 | 1.0 | 1.5 | 0 | 3 | 1.4 | 0.6 | 1.8 | 5 |
| Monoculodes hartmanae | 0 | 1 | 0 | 0 | 1 | 0.4 | 0.5 | 0 | 1 | 0.5 | 0.2 | 0.7 | 2 |
| Paracerecis sculpta | 3 | 0 | 2 | 6 | 1 | 2.4 | 3.0 | 0 | 6 | 2.3 | 1.0 | 3.0 | 12 |
| Paranthurus elegans | 2 | 2 | 0 | 0 | 0 | 0.8 | 1.0 | 0 | 2 | 1.1 | 0.5 | 1.4 | 4 |
| Rudilimboides stenopropodus | 0 | 12 | 1 | 0 | 2 | 3.0 | 6.0 | 0 | 12 | 5.1 | 2.3 | 6.6 | 15 |
| Stenothoidae | 3 | 0 | 1 | 2 | 2 | 1.6 | 1.5 | 0 | 3 | 1.1 | 0.5 | 1.5 | 8 |
| Amphiodia sp. | 0 | 1 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| anemone | 2 | 11 | 0 | 5 | 2 | 4.0 | 5.5 | 0 | 11 | 4.3 | 1.9 | 5.5 | 20 |
| TOTAL INDIVIDUALS | 116 | 297 | 141 | 159 | 141 | 170.8 | 206.5 | 116 | 297 | 72.2 | 32.3 | 92.8 | 854 |
| TOTAL SPECIES | 50 | 31 | 38 | 29 | 22 | 29.0 | 30.0 | 22 | 38 | 6.1 | 2.7 | 7.9 | 145 |
| TOTAL CRUST. INDIV. | 13 | 35 | 16 | 16 | 18 | 19.6 | 24.0 | 13 | 35 | 8.8 | 3.9 | 11.3 | 98 |

Benthic Community Data

| | 13 | 5 | 9 | 5 | 6 | 5 | 6 | 6 | 2.1 | 31 |
|-------------------------|----|----|-----|----|----|----|----|------|------|----|
| TOTAL CRUST. SP. | 13 | 5 | 9 | 5 | 6 | 5 | 6 | 6.2 | 7.0 | 5 |
| GAMMARID INDIV. | | 8 | 11 | 8 | 7 | 14 | 14 | 9.6 | 10.5 | 7 |
| GAMMARID SP. | 4 | 3 | 2 | 2 | 2 | 3 | 3 | 2.4 | 2.5 | 2 |
| OTHER CRUSTACEAN INDIV. | | 5 | 24 | 8 | 9 | 4 | 4 | 10.0 | 14.0 | 4 |
| OTHER CRUSTACEAN SP. | 9 | 2 | 7 | 4 | 3 | 3 | 3 | 3.8 | 4.5 | 2 |
| TOTAL ECHINODERM INDIV. | | 0 | 1 | 0 | 0 | 0 | 0 | 0.2 | 0.5 | 0 |
| TOTAL ECHINODERM SP. | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0.2 | 0.5 | 0 |
| TOTAL MOLLUSC INDIV. | | 17 | 11 | 18 | 26 | 12 | 12 | 16.8 | 18.5 | 11 |
| TOTAL MOLLUSC SP. | 5 | 3 | 3 | 4 | 1 | 1 | 1 | 2.4 | 2.5 | 1 |
| TOTAL POLYCHAETE INDIV. | | 67 | 116 | 82 | 70 | 77 | 77 | 82.4 | 91.5 | 67 |
| TOTAL POLYCHAETE SP. | 26 | 19 | 21 | 16 | 13 | 14 | 14 | 16.6 | 17.0 | 13 |

STANUM 85010 IDORG LEG DATE
 1421 36 09/19/94
 NEWPORT BAY (819)

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|----------------------------------|-------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Capitella capitata | Polychaeta | 0 | 0 | 3 | 0 | 0 | 0.6 | 1.5 | 0 | 3 | 1.3 | 0.6 | 1.7 | 3 |
| Cirriformia spirabrancha | Polychaeta | 0 | 0 | 27 | 0 | 0 | 5.4 | 13.5 | 0 | 27 | 12.1 | 5.4 | 15.5 | 27 |
| Exogone cf. verugera | Polychaeta | 0 | 0 | 1 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Marphysa sanguinea | Polychaeta | 0 | 0 | 0 | 2 | 0 | 0.4 | 1.0 | 0 | 2 | 0.9 | 0.4 | 1.1 | 2 |
| Nereis procerca | Polychaeta | 0 | 0 | 17 | 0 | 0 | 3.4 | 8.5 | 0 | 17 | 7.6 | 3.4 | 9.8 | 17 |
| Scoletoma zonata | Polychaeta | 0 | 0 | 1 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| nematoda | Nematoda | 0 | 44 | 147 | 1 | 0 | 38.4 | 73.5 | 0 | 147 | 63.6 | 28.4 | 81.7 | 192 |
| oligochaeta | Oligochaeta | 1 | 8 | 183 | 3 | 0 | 39.0 | 91.5 | 0 | 183 | 80.6 | 36.0 | 103.6 | 195 |
| Odosstomia sp. | Mollusca | 4 | 0 | 0 | 8 | 7 | 3.8 | 4.0 | 0 | 8 | 3.8 | 1.7 | 4.8 | 19 |
| Ampithoe valida | Crustacea | 0 | 0 | 1 | 1 | 0 | 0.4 | 0.5 | 0 | 1 | 0.5 | 0.2 | 0.7 | 2 |
| Corophium acherusicum/insidiosum | Crustacea | 0 | 0 | 1 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Elasimopus bampo | Crustacea | 0 | 0 | 0 | 1 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Nebalia pugettensis | Crustacea | 1 | 0 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Paracerceis sculpta | Crustacea | 1 | 0 | 1 | 1 | 1 | 0.8 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 4 |
| Paranthura elegans | Crustacea | 0 | 0 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| fish | | 0 | 0 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| TOTAL INDIVIDUALS | | 7 | 52 | 383 | 18 | 8 | 93.6 | 195.0 | 7 | 383 | 162.8 | 72.8 | 209.3 | 468 |
| TOTAL SPECIES | | 16 | 4 | 2 | 11 | 8 | 5.4 | 6.5 | 2 | 11 | 4.0 | 1.8 | 5.1 | 27 |
| TOTAL CRUST. INDIV. | | 2 | 0 | 4 | 3 | 1 | 2.0 | 2.0 | 0 | 4 | 1.6 | 0.7 | 2.0 | 10 |
| TOTAL CRUST. SP. | | 6 | 2 | 0 | 4 | 3 | 2.0 | 2.0 | 0 | 4 | 1.6 | 0.7 | 2.0 | 10 |
| GAMMARID INDIV. | | 0 | 0 | 2 | 2 | 0 | 0.8 | 1.0 | 0 | 2 | 1.1 | 0.5 | 1.4 | 4 |
| GAMMARID SP. | | 3 | 0 | 0 | 2 | 2 | 0.8 | 1.0 | 0 | 2 | 1.1 | 0.5 | 1.4 | 4 |

Benthic Community Data

OTHER CRUSTACEAN INDIV.
 OTHER CRUSTACEAN SP.
 TOTAL ECHINODERM INDIV.
 TOTAL ECHINODERM SP.
 TOTAL MOLLUSC INDIV.
 TOTAL MOLLUSC SP.
 TOTAL POLYCHAETE INDIV.
 TOTAL POLYCHAETE SP.

2 0 2 1 1 1
 3 2 0 0 0 0
 0 0 0 0 0 0
 4 0 0 8 7
 1 1 0 0 1 1
 0 0 0 49 2 0
 6 0 0 5 1 0

1.2 1.0 0 2 0.8 0.4 1.1 6
 1.2 1.0 0 2 0.8 0.4 1.1 6
 0.0 0.0 0 0 0.0 0.0 0.0 0
 0.0 0.0 0 0 0.0 0.0 0.0 0
 3.8 4.0 0 8 3.8 1.7 4.8 19
 0.6 0.5 0 1 0.5 0.2 0.7 3
 10.2 24.5 0 49 21.7 9.7 27.9 51
 1.2 2.5 0 5 2.2 1.0 2.8 6

STANUM 85011 IDORG LEG DATE
 1422 36 09/20/94

STATION NEWPORT BAY (905)

| SPECIES | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|----------------------------------|--------------|------------|-----------|------------|------------|--------------------|--------------|-----------|------------|--------------|-------------|--------------|-------------|
| | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Capitella capitata | 20 | 72 | 1 | 21 | 65 | 35.8 | 36.5 | 1 | 72 | 31.0 | 13.9 | 39.8 | 179 |
| Exogone cf. verugera | 0 | 1 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Polydora cornuta | 3 | 1 | 0 | 2 | 3 | 1.8 | 1.5 | 0 | 3 | 1.3 | 0.6 | 1.7 | 9 |
| Polydora nuchalis | 50 | 13 | 0 | 31 | 38 | 26.4 | 25.0 | 0 | 50 | 19.9 | 8.9 | 25.6 | 132 |
| Streblospio benedicti | 96 | 17 | 1 | 55 | 52 | 44.2 | 48.5 | 1 | 96 | 37.0 | 16.5 | 47.5 | 221 |
| nematoda | 0 | 0 | 0 | 1 | 3 | 0.8 | 1.5 | 0 | 3 | 1.3 | 0.6 | 1.7 | 4 |
| oligochaeta | 42 | 12 | 1 | 11 | 101 | 33.4 | 51.0 | 1 | 101 | 40.8 | 18.2 | 52.4 | 167 |
| Acteocina sp. | 7 | 14 | 4 | 3 | 18 | 9.2 | 10.5 | 3 | 18 | 6.5 | 2.9 | 8.4 | 46 |
| Musculista senhousiei | 0 | 0 | 0 | 0 | 1 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Odosstomia sp. | 30 | 288 | 30 | 24 | 118 | 98.0 | 156.0 | 24 | 288 | 113.2 | 50.6 | 145.5 | 490 |
| Ostreidae | 0 | 0 | 0 | 0 | 4 | 0.8 | 2.0 | 0 | 4 | 1.8 | 0.8 | 2.3 | 4 |
| Tagelus subteres | 1 | 0 | 0 | 0 | 0 | 0.2 | 0.5 | 0 | 1 | 0.4 | 0.2 | 0.6 | 1 |
| Ampithoe valida | 1 | 1 | 2 | 0 | 0 | 0.8 | 1.0 | 0 | 2 | 0.8 | 0.4 | 1.1 | 4 |
| Corophium acherusicum/insidiosum | 0 | 2 | 2 | 1 | 2 | 1.4 | 1.0 | 0 | 2 | 0.9 | 0.4 | 1.1 | 7 |
| Grandidierella japonica | 1 | 35 | 12 | 7 | 36 | 18.2 | 18.5 | 1 | 36 | 16.3 | 7.3 | 20.9 | 91 |
| Pontogenia rostrata | 0 | 15 | 1 | 0 | 1 | 3.4 | 7.5 | 0 | 15 | 6.5 | 2.9 | 8.4 | 17 |
| TOTAL INDIVIDUALS | 251 | 471 | 54 | 156 | 442 | 274.8 | 262.5 | 54 | 471 | 180.2 | 80.6 | 231.6 | 1374 |
| TOTAL SPECIES | 16 | 10 | 9 | 10 | 13 | 10.8 | 11.0 | 9 | 13 | 1.6 | 0.7 | 2.1 | 54 |
| TOTAL CRUST. INDIV. | 2 | 53 | 17 | 8 | 39 | 23.8 | 27.5 | 2 | 53 | 21.5 | 9.6 | 27.7 | 119 |
| TOTAL CRUST. SP. | 4 | 2 | 4 | 2 | 3 | 3.0 | 3.0 | 2 | 4 | 1.0 | 0.4 | 1.3 | 15 |
| GAMMARID INDIV. | 2 | 53 | 17 | 8 | 39 | 23.8 | 27.5 | 2 | 53 | 21.5 | 9.6 | 27.7 | 119 |
| GAMMARID SP. | 4 | 2 | 4 | 2 | 3 | 3.0 | 3.0 | 2 | 4 | 1.0 | 0.4 | 1.3 | 15 |
| OTHER CRUSTACEAN INDIV. | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| OTHER CRUSTACEAN SP. | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM INDIV. | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |

Benthic Community Data

| SPECIES | TAXA | STANUM | STATION | IDORG | LEG | DATE | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|----------------------------------|-------------|--------|-----------------------------|-------|-----|----------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|---------|-------|-------|------|
| | | | | | | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St.Dev. | S.E. | 95%CL | sum |
| Aphelochaeta cf. parva | Polychaeta | 85013 | NEWPORT BAY (RHINE CHANNEL) | 1424 | 36 | 09/19/94 | 1 | 0 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Capitella capitata | Polychaeta | | | | | | 7 | 7 | 16 | | | 10.0 | 11.5 | 7 | 16 | 5.2 | 3.0 | 11.7 | 30 |
| Cirriformia spirabranchia | Polychaeta | | | | | | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Exogone molesta | Polychaeta | | | | | | 5 | 6 | 6 | | | 5.7 | 5.5 | 5 | 6 | 0.6 | 0.3 | 1.3 | 17 |
| Marphysa sanquinea | Polychaeta | | | | | | 7 | 2 | 2 | | | 3.7 | 4.5 | 2 | 7 | 2.9 | 1.7 | 6.5 | 11 |
| Marphysa spp. juv. | Polychaeta | | | | | | 3 | 0 | 3 | | | 2.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 6 |
| Nereis procer | Polychaeta | | | | | | 2 | 8 | 11 | | | 7.0 | 6.5 | 2 | 11 | 4.6 | 2.6 | 10.3 | 21 |
| Polydora cornuta | Polychaeta | | | | | | 12 | 10 | 36 | | | 19.3 | 23.0 | 10 | 36 | 14.5 | 8.4 | 32.6 | 58 |
| Pseudopolydora paucibranchiata | Polychaeta | | | | | | 4 | 20 | 7 | | | 10.3 | 12.0 | 4 | 20 | 8.5 | 4.9 | 19.1 | 31 |
| Streblospio benedicti | Polychaeta | | | | | | 10 | 82 | 46 | | | 46.0 | 46.0 | 10 | 82 | 36.0 | 20.8 | 81.0 | 138 |
| nematoda | Nematoda | | | | | | 51 | 5 | 66 | | | 40.7 | 35.5 | 5 | 66 | 31.8 | 18.4 | 71.5 | 122 |
| oligochaeta | Oligochaeta | | | | | | 216 | 89 | 271 | | | 192.0 | 180.0 | 89 | 271 | 93.3 | 53.9 | 210.0 | 576 |
| phoronida | Phoronida | | | | | | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Mollusca | Mollusca | | | | | | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Musculista senhousci | Mollusca | | | | | | 27 | 6 | 0 | | | 11.0 | 13.5 | 0 | 27 | 14.2 | 8.2 | 31.9 | 33 |
| Ampithoe valida | Crustacea | | | | | | 65 | 70 | 157 | | | 97.3 | 111.0 | 65 | 157 | 51.7 | 29.9 | 116.4 | 292 |
| Anatanais pseudonormani | Crustacea | | | | | | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Bemlos macromanus | Crustacea | | | | | | 8 | 0 | 1 | | | 3.0 | 4.0 | 0 | 8 | 4.4 | 2.5 | 9.8 | 9 |
| Corophium acherusicum/insidiosum | Crustacea | | | | | | 7 | 7 | 10 | | | 8.0 | 8.5 | 7 | 10 | 1.7 | 1.0 | 3.9 | 24 |
| Elasmopus bampo | Crustacea | | | | | | 2 | 0 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Grandierella japonica | Crustacea | | | | | | 34 | 28 | 71 | | | 44.3 | 49.5 | 28 | 71 | 23.3 | 13.4 | 52.4 | 133 |
| Saeropsis dubia | Crustacea | | | | | | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Leptognathia sp. A | Crustacea | | | | | | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Monoculodes hartmanae | Crustacea | | | | | | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Mysidopsis californica | Crustacea | | | | | | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Paracercis sculpia | Crustacea | | | | | | 12 | 10 | 12 | | | 11.3 | 11.0 | 10 | 12 | 1.2 | 0.7 | 2.6 | 34 |
| Photis sp. | Crustacea | | | | | | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Pleustidae | Crustacea | | | | | | 2 | 0 | 1 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Podocerus cristatus | Crustacea | | | | | | 2 | 4 | 1 | | | 2.3 | 2.5 | 1 | 4 | 1.5 | 0.9 | 3.4 | 7 |
| Pontogeneia rostrata | Crustacea | | | | | | 0 | 8 | 2 | | | 3.3 | 4.0 | 0 | 8 | 4.2 | 2.4 | 9.4 | 10 |
| TOTAL INDIVIDUALS | | | | | | | 480 | 364 | 723 | | | 522.3 | 543.5 | 364 | 723 | 183.2 | 105.8 | 412.2 | 1567 |
| TOTAL SPECIES | | | | | | | 30 | 23 | 18 | 22 | | 21.0 | 20.5 | 18 | 23 | 2.6 | 1.5 | 6.0 | 63 |
| TOTAL CRUST. INDIV. | | | | | | | 134 | 127 | 259 | | | 173.3 | 193.0 | 127 | 259 | 74.3 | 42.9 | 167.1 | 520 |

Benthic Community Data

| | 15 | 10 | 6 | 12 | 9.3 | 9.0 | 6 | 12 | 3.1 | 1.8 | 6.9 | 28 |
|-------------------------|----|----|-----|-----|-------|-------|-----|-----|------|------|-------|-----|
| TOTAL CRUST. SP. | | | | | 160.7 | 181.0 | 117 | 245 | 73.1 | 42.2 | 164.4 | 482 |
| GAMMARID INDIV. | 10 | 7 | 5 | 9 | 7.0 | 7.0 | 5 | 9 | 2.0 | 1.2 | 4.5 | 21 |
| GAMMARID SP. | | 14 | 10 | 14 | 12.7 | 12.0 | 10 | 14 | 2.3 | 1.3 | 5.2 | 38 |
| OTHER CRUSTACEAN INDIV. | 5 | 3 | 1 | 3 | 2.3 | 2.0 | 1 | 3 | 1.2 | 0.7 | 2.6 | 7 |
| OTHER CRUSTACEAN SP. | | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM INDIV. | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM SP. | | 27 | 7 | 0 | 11.3 | 13.5 | 0 | 27 | 14.0 | 8.1 | 31.5 | 34 |
| TOTAL MOLLUSC INDIV. | 2 | 1 | 2 | 0 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| TOTAL MOLLUSC SP. | | 51 | 136 | 127 | 104.7 | 93.5 | 51 | 136 | 46.7 | 27.0 | 105.1 | 314 |
| TOTAL POLYCHAETE INDIV. | 10 | 9 | 8 | 8 | 8.3 | 8.5 | 8 | 9 | 0.6 | 0.3 | 1.3 | 25 |
| TOTAL POLYCHAETE SP. | | | | | | | | | | | | |

STANUM 85014 IDORG LEG DATE
 NEWPORT BAY (NEWPORT ISLAND) 1425 36 09/19/94

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|-----------------------------|------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Aphelochaeta cf. parva | Polychaeta | 3 | 2 | 5 | | | 3.3 | 3.5 | 2 | 5 | 1.5 | 0.9 | 3.4 | 10 |
| Aphelochaeta sp. | Polychaeta | 0 | 1 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Chaetozone sp. juv. | Polychaeta | 2 | 0 | 2 | | | 1.3 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 4 |
| Cirratulus cirratus | Polychaeta | 1 | 1 | 1 | | | 1.0 | 1.0 | 1 | 1 | 0.0 | 0.0 | 0.0 | 3 |
| Cirriiformia spirabrancha | Polychaeta | 10 | 12 | 10 | | | 10.7 | 11.0 | 10 | 12 | 1.2 | 0.7 | 2.6 | 32 |
| Cossura pygodactylata | Polychaeta | 0 | 1 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Cossura sp. A | Polychaeta | 1 | 1 | 1 | | | 1.0 | 1.0 | 1 | 1 | 0.0 | 0.0 | 0.0 | 3 |
| Dorvillea longicornis | Polychaeta | 10 | 10 | 13 | | | 11.0 | 11.5 | 10 | 13 | 1.7 | 1.0 | 3.9 | 33 |
| Euchone limnicola | Polychaeta | 9 | 22 | 7 | | | 12.7 | 14.5 | 7 | 22 | 8.1 | 4.7 | 18.3 | 38 |
| Exogone lourei | Polychaeta | 5 | 6 | 0 | | | 3.7 | 3.0 | 0 | 6 | 3.2 | 1.9 | 7.2 | 11 |
| Fabriciina limnicola | Polychaeta | 1 | 20 | 14 | | | 11.7 | 10.5 | 1 | 20 | 9.7 | 5.6 | 21.9 | 35 |
| Leitoscoloplos puggettensis | Polychaeta | 1 | 7 | 6 | | | 4.7 | 4.0 | 1 | 7 | 3.2 | 1.9 | 7.2 | 14 |
| Mediomastus californiensis | Polychaeta | 3 | 8 | 2 | | | 4.3 | 5.0 | 2 | 8 | 3.2 | 1.9 | 7.2 | 13 |
| Mediomastus sp. | Polychaeta | 2 | 1 | 0 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Megalomma pigmentum | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Nereis procerca | Polychaeta | 0 | 1 | 4 | | | 1.7 | 2.0 | 0 | 4 | 2.1 | 1.2 | 4.7 | 5 |
| Nephtys cornuta | Polychaeta | 1 | 2 | 1 | | | 1.3 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 4 |
| Pherusa capulata | Polychaeta | 0 | 3 | 0 | | | 1.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 3 |
| Pista cf. alata | Polychaeta | 0 | 0 | 2 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Pista spp. juv. | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Polyophthalmus pictus | Polychaeta | 0 | 2 | 1 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Priotospio heterobranchia | Polychaeta | 11 | 1 | 3 | | | 5.0 | 6.0 | 1 | 11 | 5.3 | 3.1 | 11.9 | 15 |

Benthic Community Data

| | | | | | | | | | | | |
|----------------------------------|------------|------------|------------|--------------|--------------|------------|------------|-------------|-------------|-------------|------------|
| Pseudopolydora paucibranchiata | 32 | 15 | 13 | 20.0 | 22.5 | 13 | 32 | 10.4 | 6.0 | 23.5 | 60 |
| Scoletopsis quequindentata | 2 | 0 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Scoletoma minima | 3 | 5 | 2 | 3.3 | 3.5 | 2 | 5 | 1.5 | 0.9 | 3.4 | 10 |
| Scoletoma zonata | 2 | 3 | 4 | 3.0 | 3.0 | 2 | 4 | 1.0 | 0.6 | 2.3 | 9 |
| nematoda | 26 | 23 | 22 | 23.7 | 24.0 | 22 | 26 | 2.1 | 1.2 | 4.7 | 71 |
| nemertea | 1 | 1 | 1 | 1.0 | 1.0 | 1 | 1 | 0.0 | 0.0 | 0.0 | 3 |
| oligochaeta | 2 | 3 | 5 | 3.3 | 3.5 | 2 | 5 | 1.5 | 0.9 | 3.4 | 10 |
| Bulla gouldiana | 3 | 0 | 0 | 1.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 3 |
| Musculista senhousiei | 5 | 7 | 5 | 5.7 | 6.0 | 5 | 7 | 1.2 | 0.7 | 2.6 | 17 |
| Odostomia sp. | 52 | 0 | 1 | 17.7 | 26.0 | 0 | 52 | 29.7 | 17.2 | 66.9 | 53 |
| Acuminodeutopus heteruropus | 10 | 14 | 0 | 8.0 | 7.0 | 0 | 14 | 7.2 | 4.2 | 16.2 | 24 |
| Anatanais pseudonormani | 2 | 0 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Bathyleberis = Cylindroleberidae | 1 | 2 | 2 | 1.7 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 5 |
| Elasmopus bampo | 0 | 4 | 2 | 2.0 | 2.0 | 0 | 4 | 2.0 | 1.2 | 4.5 | 6 |
| Eobrolgus spinosus | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Euphilomedes carcharodonta | 0 | 4 | 0 | 1.3 | 2.0 | 0 | 4 | 2.3 | 1.3 | 5.2 | 4 |
| Grandidierella japonica | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Mayerella banksia | 2 | 1 | 4 | 2.3 | 2.5 | 1 | 4 | 1.5 | 0.9 | 3.4 | 7 |
| Paracerecis sculpta | 3 | 1 | 0 | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| Paranthurus elegans | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| TOTAL INDIVIDUALS | 207 | 186 | 137 | 176.7 | 172.0 | 137 | 207 | 35.9 | 20.7 | 80.8 | 530 |
| TOTAL SPECIES | 42 | 33 | 30 | 31.0 | 31.5 | 30 | 33 | 1.7 | 1.0 | 3.9 | 93 |
| TOTAL CRUST. INDIV. | 18 | 28 | 9 | 18.3 | 18.5 | 9 | 28 | 9.5 | 5.5 | 21.4 | 55 |
| TOTAL CRUST. SP. | 10 | 5 | 4 | 5.7 | 6.0 | 4 | 8 | 2.1 | 1.2 | 4.7 | 17 |
| GAMMARID INDIV. | 10 | 19 | 3 | 10.7 | 11.0 | 3 | 19 | 8.0 | 4.6 | 18.0 | 32 |
| GAMMARID SP. | 4 | 3 | 2 | 2.0 | 2.0 | 1 | 3 | 1.0 | 0.6 | 2.3 | 6 |
| OTHER CRUSTACEAN INDIV. | 8 | 9 | 6 | 7.7 | 7.5 | 6 | 9 | 1.5 | 0.9 | 3.4 | 23 |
| OTHER CRUSTACEAN SP. | 4 | 5 | 2 | 3.7 | 3.5 | 2 | 5 | 1.5 | 0.9 | 3.4 | 11 |
| TOTAL ECHINODERM INDIV. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM SP. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL MOLLUSC INDIV. | 60 | 7 | 6 | 24.3 | 33.0 | 6 | 60 | 30.9 | 17.8 | 69.5 | 73 |
| TOTAL MOLLUSC SP. | 3 | 3 | 1 | 2.0 | 2.0 | 1 | 3 | 1.0 | 0.6 | 2.3 | 6 |
| TOTAL POLYCHAETE INDIV. | 100 | 124 | 94 | 106.0 | 109.0 | 94 | 124 | 15.9 | 9.2 | 35.7 | 318 |
| TOTAL POLYCHAETE SP. | 26 | 19 | 21 | 20.3 | 20.0 | 19 | 21 | 1.2 | 0.7 | 2.6 | 61 |

Benthic Community Data

STANUM 85015
 IDORG LEG DATE
 1426 36 09/19/94

STATION NEWPORT BAY (ARCHES S. DRAINS)

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|--------------------------------|-------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Aphelocheata cf. parva | Polychaeta | 1 | 3 | 4 | | | 2.7 | 2.5 | 1 | 4 | 1.5 | 0.9 | 3.4 | 8 |
| Brania brevipharyngea | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Carazziella califia | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Chaetozone sp. juv. | Polychaeta | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Cirratulus cirratus | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Cirriformia spirabrancha | Polychaeta | 2 | 0 | 5 | | | 2.3 | 2.5 | 0 | 5 | 2.5 | 1.5 | 5.7 | 7 |
| Cossura sp. A | Polychaeta | 5 | 0 | 5 | | | 3.3 | 2.5 | 0 | 5 | 2.9 | 1.7 | 6.5 | 10 |
| Exogone limnicola | Polychaeta | 0 | 1 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Exogone lourei | Polychaeta | 3 | 5 | 0 | | | 2.7 | 2.5 | 0 | 5 | 2.5 | 1.5 | 5.7 | 8 |
| Fabricinuda limnicola | Polychaeta | 4 | 10 | 5 | | | 6.3 | 7.0 | 4 | 10 | 3.2 | 1.9 | 7.2 | 19 |
| Harmothoe sp. | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Leitoscoloplos puggetensis | Polychaeta | 16 | 13 | 10 | | | 13.0 | 13.0 | 10 | 16 | 3.0 | 1.7 | 6.8 | 39 |
| Mediomastus californiensis | Polychaeta | 4 | 20 | 6 | | | 10.0 | 12.0 | 4 | 20 | 8.7 | 5.0 | 19.6 | 30 |
| Mediomastus sp. | Polychaeta | 6 | 5 | 2 | | | 4.3 | 4.0 | 2 | 6 | 2.1 | 1.2 | 4.7 | 13 |
| Pista cf. alata | Polychaeta | 0 | 0 | 2 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Prionospio heterobranchia | Polychaeta | 0 | 3 | 0 | | | 1.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 3 |
| Prionospio lighti | Polychaeta | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Pseudopolydora paucibranchiata | Polychaeta | 3 | 0 | 0 | | | 1.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 3 |
| Scoletoma zonata | Polychaeta | 4 | 10 | 12 | | | 8.7 | 8.0 | 4 | 12 | 4.2 | 2.4 | 9.4 | 26 |
| Seyphoproctus oculatus | Polychaeta | 0 | 0 | 2 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Sphaerosyllis californiensis | Polychaeta | 1 | 1 | 1 | | | 1.0 | 1.0 | 1 | 1 | 0.0 | 0.0 | 0.0 | 3 |
| nematoda | Nematoda | 3 | 2 | 6 | | | 3.7 | 4.0 | 2 | 6 | 2.1 | 1.2 | 4.7 | 11 |
| nemertea | Nemertea | 1 | 0 | 2 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| oligochaeta | Oligochaeta | 1 | 1 | 1 | | | 1.0 | 1.0 | 1 | 1 | 0.0 | 0.0 | 0.0 | 3 |
| phoronida | Phoronida | 6 | 4 | 19 | | | 9.7 | 11.5 | 4 | 19 | 8.1 | 4.7 | 18.3 | 29 |
| Donax sp. | Mollusca | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Laevicardium substriatum | Mollusca | 2 | 3 | 0 | | | 1.7 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 5 |
| Musculista senhousiei | Mollusca | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Musculus sp. | Mollusca | 1 | 1 | 0 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Mya arenaria | Mollusca | 0 | 0 | 3 | | | 1.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 3 |
| Protothaca staminea | Mollusca | 1 | 0 | 2 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Tagelus subteres | Mollusca | 10 | 13 | 29 | | | 17.3 | 19.5 | 10 | 29 | 10.2 | 5.9 | 23.0 | 52 |
| Tapes philippinarum | Mollusca | 4 | 0 | 3 | | | 2.3 | 2.0 | 0 | 4 | 2.1 | 1.2 | 4.7 | 7 |
| Amphideutopus oculatus | Crustacea | 39 | 9 | 10 | | | 19.3 | 24.0 | 9 | 39 | 17.0 | 9.8 | 38.3 | 58 |

Benthic Community Data

| TAXA | STANUM | IDORG | LEG | DATE | rep.1 | rep.2 | rep.3 | rep.4 | rep.5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
|----------------------------------|--------|-------|-----|------|-------|-------|-------|-------|-------|-------|--------|-----|-----|----------|------|-------|-----|
| Anatanais pseudonormani | | | | | 3 | 0 | 1 | | | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| Bathyleberis = Cylindroleberidae | | | | | 2 | 2 | 0 | | | 1.3 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 4 |
| Corophium acherusicum/insidiosum | | | | | 8 | 0 | 2 | | | 3.3 | 4.0 | 0 | 8 | 4.2 | 2.4 | 9.4 | 10 |
| Elasmopus bampo | | | | | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Euphilomedes carcharodonta | | | | | 18 | 20 | 2 | | | 13.3 | 11.0 | 2 | 20 | 9.9 | 5.7 | 22.2 | 40 |
| Grandierella japonica | | | | | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Mayerella banksia | | | | | 14 | 8 | 3 | | | 8.3 | 8.5 | 3 | 14 | 5.5 | 3.2 | 12.4 | 25 |
| Monoculodes hartmanae | | | | | 2 | 3 | 0 | | | 1.7 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 5 |
| Paranthura elegans | | | | | 3 | 0 | 2 | | | 1.7 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 5 |
| Photis sp. | | | | | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Rudillembooides stenoproplus | | | | | 32 | 40 | 26 | | | 32.7 | 33.0 | 26 | 40 | 7.0 | 4.1 | 15.8 | 98 |
| pycnogonid | | | | | 1 | 0 | 3 | | | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| Arachnida | | | | | 204 | 181 | 172 | | | 185.7 | 188.0 | 172 | 204 | 16.5 | 9.5 | 37.1 | 557 |
| TOTAL INDIVIDUALS | | | | | | | | | | | | | | | | | |
| TOTAL SPECIES | | 46 | | | 34 | 26 | 31 | | | 30.3 | 30.0 | 26 | 34 | 4.0 | 2.3 | 9.1 | 91 |
| TOTAL CRUST. INDIV. | | 122 | | | 83 | 47 | 47 | | | 84.0 | 84.5 | 47 | 122 | 37.5 | 21.7 | 84.4 | 252 |
| TOTAL CRUST. SP. | | 12 | | | 10 | 7 | 8 | | | 8.3 | 8.5 | 7 | 10 | 1.5 | 0.9 | 3.4 | 25 |
| GAMMARID INDIV. | | 50 | | | 13 | 13 | 13 | | | 25.3 | 31.5 | 13 | 50 | 21.4 | 12.3 | 48.1 | 76 |
| GAMMARID SP. | | 6 | | | 4 | 3 | 3 | | | 3.3 | 3.5 | 3 | 4 | 0.6 | 0.3 | 1.3 | 10 |
| OTHER CRUSTACEAN INDIV. | | 6 | | | 72 | 70 | 34 | | | 58.7 | 53.0 | 34 | 72 | 21.4 | 12.3 | 48.1 | 176 |
| OTHER CRUSTACEAN SP. | | 6 | | | 6 | 4 | 5 | | | 5.0 | 5.0 | 4 | 6 | 1.0 | 0.6 | 2.3 | 15 |
| TOTAL ECHINODERM INDIV. | | 0 | | | 0 | 0 | 0 | | | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM SP. | | 0 | | | 0 | 0 | 0 | | | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL MOLLUSC INDIV. | | 19 | | | 18 | 18 | 37 | | | 24.7 | 27.5 | 18 | 37 | 10.7 | 6.2 | 24.1 | 74 |
| TOTAL MOLLUSC SP. | | 8 | | | 6 | 4 | 4 | | | 4.7 | 5.0 | 4 | 6 | 1.2 | 0.7 | 2.6 | 14 |
| TOTAL POLYCHAETE INDIV. | | 51 | | | 73 | 57 | 57 | | | 60.3 | 62.0 | 51 | 73 | 11.4 | 6.6 | 25.6 | 181 |
| TOTAL POLYCHAETE SP. | | 21 | | | 13 | 12 | 14 | | | 13.0 | 13.0 | 12 | 14 | 1.0 | 0.6 | 2.3 | 39 |

STANUM 85016 IDORG 1427 LEG 36 DATE 09/20/94 STATION NEWPORT BAY (YACHTMANS COVE)

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|--------------------------|------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | rep.1 | rep.2 | rep.3 | rep.4 | rep.5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Aphelocheata cf. parva | Polychaeta | 14 | 22 | 22 | | | 19.3 | 18.0 | 14 | 22 | 4.6 | 2.7 | 10.4 | 58 |
| Cirriformia spirabrancha | Polychaeta | 2 | 0 | 9 | | | 3.7 | 4.5 | 0 | 9 | 4.7 | 2.7 | 10.6 | 11 |
| Cossura sp. A | Polychaeta | 14 | 15 | 44 | | | 24.3 | 29.0 | 14 | 44 | 17.0 | 9.8 | 38.3 | 73 |
| Diplocirrus sp. | Polychaeta | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Dorvillea longicornis | Polychaeta | 2 | 0 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Euclione limicola | Polychaeta | 8 | 0 | 13 | | | 7.0 | 6.5 | 0 | 13 | 6.6 | 3.8 | 14.8 | 21 |
| Fabricinuda limicola | Polychaeta | 1 | 8 | 0 | | | 3.0 | 4.0 | 0 | 8 | 4.4 | 2.5 | 9.8 | 9 |

Benthic Community Data

| | | | | | | | | | | | |
|----------------------------------|------------|------------|------------|--------------|--------------|------------|------------|-------------|-------------|-------------|------------|
| Leitoscoloplos puggettensis | 13 | 15 | 6 | 11.3 | 10.5 | 6 | 15 | 4.7 | 2.7 | 10.6 | 34 |
| Mediomastus californiensis | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Mediomastus sp. | 0 | 2 | 2 | 1.3 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 4 |
| Nereis procera | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Nephtys cornuta | 2 | 0 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Prionospio heterobranchia | 4 | 2 | 5 | 3.7 | 3.5 | 2 | 5 | 1.5 | 0.9 | 3.4 | 11 |
| Pseudopolydora paucibranchiata | 23 | 19 | 50 | 30.7 | 34.5 | 19 | 50 | 16.9 | 9.7 | 37.9 | 92 |
| Scoletoma minima | 2 | 2 | 1 | 1.7 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 5 |
| Scoletoma zonata | 12 | 4 | 5 | 7.0 | 8.0 | 4 | 12 | 4.4 | 2.5 | 9.8 | 21 |
| phoronida | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Acteocina sp. | 3 | 0 | 1 | 1.3 | 1.5 | 0 | 3 | 1.5 | 0.9 | 3.4 | 4 |
| Musculista senhousiei | 0 | 2 | 2 | 1.3 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 4 |
| Odostomia sp. | 0 | 2 | 1 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Protohaca staminea | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Tagelus subteres | 0 | 0 | 2 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Acuminodeutopus heteruropus | 8 | 0 | 2 | 3.3 | 4.0 | 0 | 8 | 4.2 | 2.4 | 9.4 | 10 |
| Anatania pseudonormani | 2 | 0 | 1 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Bathyleberis = Cylindroleberidae | 6 | 2 | 2 | 3.3 | 4.0 | 2 | 6 | 2.3 | 1.3 | 5.2 | 10 |
| Corophium acherusicum/insidiosum | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Eobrolgus spinosus | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Euphilomedes carcharodonta | 20 | 24 | 10 | 18.0 | 17.0 | 10 | 24 | 7.2 | 4.2 | 16.2 | 54 |
| Leptognathia sp. A | 2 | 0 | 1 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Mayerella banksia | 1 | 2 | 1 | 1.3 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 4 |
| Melphisiana bola | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Monoculodes hartmanae | 0 | 1 | 1 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Paracereis sculpta | 1 | 1 | 1 | 1.0 | 1.0 | 1 | 1 | 0.0 | 0.0 | 0.0 | 3 |
| Paranthura elegans | 1 | 1 | 3 | 1.7 | 2.0 | 1 | 3 | 1.2 | 0.7 | 2.6 | 5 |
| Rudilembooides stenopropodus | 13 | 12 | 14 | 13.0 | 13.0 | 12 | 14 | 1.0 | 0.6 | 2.3 | 39 |
| TOTAL INDIVIDUALS | 156 | 137 | 204 | 165.7 | 170.5 | 137 | 204 | 34.5 | 19.9 | 77.7 | 497 |
| TOTAL SPECIES | 35 | 24 | 29 | 24.0 | 24.0 | 19 | 29 | 5.0 | 2.9 | 11.3 | 72 |
| TOTAL CRUST. INDIV. | 55 | 43 | 38 | 45.3 | 46.5 | 38 | 55 | 8.7 | 5.0 | 19.7 | 136 |
| TOTAL CRUST. SP. | 13 | 7 | 12 | 9.7 | 9.5 | 7 | 12 | 2.5 | 1.5 | 5.7 | 29 |
| GAMMARID INDIV. | 9 | 1 | 5 | 5.0 | 5.0 | 1 | 9 | 4.0 | 2.3 | 9.0 | 15 |
| GAMMARID SP. | 5 | 1 | 4 | 2.3 | 2.5 | 1 | 4 | 1.5 | 0.9 | 3.4 | 7 |
| OTHER CRUSTACEAN INDIV. | 46 | 42 | 33 | 40.3 | 39.5 | 33 | 46 | 6.7 | 3.8 | 15.0 | 121 |
| OTHER CRUSTACEAN SP. | 8 | 6 | 8 | 7.3 | 7.0 | 6 | 8 | 1.2 | 0.7 | 2.6 | 22 |
| TOTAL ECHINODERM INDIV. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM SP. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL MOLLUSC INDIV. | 3 | 4 | 7 | 4.7 | 5.0 | 3 | 7 | 2.1 | 1.2 | 4.7 | 14 |

Benthic Community Data

| | | | | | | | | | | | | | |
|-------------------------|----|----|-----|----|--|-------|-------|----|-----|------|------|------|-----|
| TOTAL MOLLUSC SP. | 5 | 1 | 2 | 5 | | 2.7 | 3.0 | 1 | 5 | 2.1 | 1.2 | 4.7 | 8 |
| TOTAL POLYCHAETE INDIV. | 98 | 89 | 159 | | | 115.3 | 124.0 | 89 | 159 | 38.1 | 22.0 | 85.7 | 346 |
| TOTAL POLYCHAETE SP. | 16 | 13 | 9 | 12 | | 11.3 | 11.0 | 9 | 13 | 2.1 | 1.2 | 4.7 | 34 |

STANUM 85017 IDORG LEG DATE
 1428 36 09/19/94

STATION NEWPORT BAY (UNIT II BASIN)

| SPECIES | NO. PER CORE | | | | SUMMARY STATISTICS | | | | | | | | |
|--------------------------------|--------------|-------|-------|-------|--------------------|------|--------|-----|-----|----------|------|-------|-----|
| | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Aphelocheata cf. parva | 11 | 8 | 6 | | | 8.3 | 8.5 | 6 | 11 | 2.5 | 1.5 | 5.7 | 25 |
| Aphelocheata sp. | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Chaetozone sp. juv. | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Cirratulus cirratus | 2 | 4 | 1 | | | 2.3 | 2.5 | 1 | 4 | 1.5 | 0.9 | 3.4 | 7 |
| Cirriformia spirabrancha | 7 | 11 | 7 | | | 8.3 | 9.0 | 7 | 11 | 2.3 | 1.3 | 5.2 | 25 |
| Cossura candida | 7 | 5 | 0 | | | 4.0 | 3.5 | 0 | 7 | 3.6 | 2.1 | 8.1 | 12 |
| Cossura pygodactylata | 0 | 2 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Cossura sp. A | 2 | 2 | 3 | | | 2.3 | 2.5 | 2 | 3 | 0.6 | 0.3 | 1.3 | 7 |
| Diplocirrus sp. | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Dorvillea longicornis | 6 | 4 | 4 | | | 4.7 | 5.0 | 4 | 6 | 1.2 | 0.7 | 2.6 | 14 |
| Euclione limnicola | 2 | 9 | 5 | | | 5.3 | 5.5 | 2 | 9 | 3.5 | 2.0 | 7.9 | 16 |
| Exogone lourei | 17 | 3 | 8 | | | 9.3 | 10.0 | 3 | 17 | 7.1 | 4.1 | 16.0 | 28 |
| Fabricinuda limnicola | 10 | 4 | 1 | | | 5.0 | 5.5 | 1 | 10 | 4.6 | 2.6 | 10.3 | 15 |
| Leitoscoloplos pugettensis | 9 | 3 | 13 | | | 8.3 | 8.0 | 3 | 13 | 5.0 | 2.9 | 11.3 | 25 |
| Mediomastus californiensis | 7 | 4 | 8 | | | 6.3 | 6.0 | 4 | 8 | 2.1 | 1.2 | 4.7 | 19 |
| Mediomastus sp. | 2 | 0 | 2 | | | 1.3 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 4 |
| Nephtys cornuta | 4 | 0 | 1 | | | 1.7 | 2.0 | 0 | 4 | 2.1 | 1.2 | 4.7 | 5 |
| Prionospio heterobranchia | 2 | 3 | 4 | | | 3.0 | 3.0 | 2 | 4 | 1.0 | 0.6 | 2.3 | 9 |
| Pseudopolydora paucibranchiata | 81 | 28 | 27 | | | 45.3 | 54.0 | 27 | 81 | 30.9 | 17.8 | 69.5 | 136 |
| Scotetoma minima | 1 | 0 | 7 | | | 2.7 | 3.5 | 0 | 7 | 3.8 | 2.2 | 8.5 | 8 |
| Scotetoma zonata | 9 | 13 | 11 | | | 11.0 | 11.0 | 9 | 13 | 2.0 | 1.2 | 4.5 | 33 |
| Sphaerosyllis californiensis | 2 | 0 | 1 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| nematoda | 23 | 4 | 5 | | | 10.7 | 13.5 | 4 | 23 | 10.7 | 6.2 | 24.1 | 32 |
| nemertea | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| oligocheata | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Bulla gouldiana | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Musculista senhousiei | 4 | 0 | 0 | | | 1.3 | 2.0 | 0 | 4 | 2.3 | 1.3 | 5.2 | 4 |
| Mya arenaria | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Tagelus subteres | 1 | 1 | 0 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Tapes philippinarum | 1 | 0 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |

Benthic Community Data

| STANUM | STATION | IDORG | LEG | DATE | 5.3 | 8.0 | 0 | 16 | 9.2 | 5.3 | 20.8 | 16 |
|--------|----------------------------|-------|-----|----------|-------|-------|-----|-----|-------|------|-------|-----|
| 85018 | NEWPORT BAY (UNIT 1 BASIN) | 1429 | 36 | 09/19/94 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| | | | | | 19.3 | 25.0 | 5 | 45 | 22.3 | 12.9 | 50.1 | 58 |
| | | | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| | | | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| | | | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| | | | | | 1.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 3 |
| | | | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| | | | | | 3.0 | 4.0 | 0 | 8 | 4.4 | 2.5 | 9.8 | 9 |
| | | | | | 20.0 | 23.5 | 5 | 42 | 19.5 | 11.2 | 43.8 | 60 |
| | | | | | 199.0 | 231.0 | 129 | 333 | 116.1 | 67.0 | 261.2 | 597 |
| | | | | | 40 | 35 | 22 | 26 | 27.7 | 3.8 | 15.0 | 83 |
| | | | | | 10 | 8 | 5 | 5 | 52.3 | 68.0 | 128.0 | 157 |
| | | | | | 6.0 | 6.5 | 5 | 8 | 1.7 | 1.0 | 3.9 | 18 |
| | | | | | 6.7 | 9.5 | 0 | 19 | 10.7 | 6.2 | 24.1 | 20 |
| | | | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| | | | | | 45.7 | 58.5 | 18 | 99 | 46.2 | 26.7 | 103.9 | 137 |
| | | | | | 5.0 | 5.0 | 4 | 5 | 1.0 | 0.6 | 2.3 | 15 |
| | | | | | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| | | | | | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| | | | | | 3.3 | 4.0 | 1 | 7 | 3.2 | 1.9 | 7.2 | 10 |
| | | | | | 2.3 | 2.5 | 1 | 4 | 1.5 | 0.9 | 3.4 | 7 |
| | | | | | 132.0 | 143.0 | 103 | 183 | 44.3 | 25.6 | 99.7 | 396 |
| | | | | | 17.7 | 17.5 | 15 | 20 | 2.5 | 1.5 | 5.7 | 53 |

STANUM 85018 STATION NEWPORT BAY (UNIT 1 BASIN) IDORG 1429 LEG 36 DATE 09/19/94

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|-------------------------|------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Aphelochaeta cf. parva | Polychaeta | 1 | 1 | 1 | 1 | 1 | 1.0 | 1.0 | 1 | 1 | 0.0 | 0.0 | 0.0 | 3 |
| Cuiforimia spirabrancha | Polychaeta | 19 | 9 | 33 | 33 | 33 | 20.3 | 21.0 | 9 | 33 | 12.1 | 7.0 | 27.1 | 61 |
| Cossura candida | Polychaeta | 0 | 0 | 1 | 1 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Cossura sp. A | Polychaeta | 0 | 2 | 0 | 0 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Diplocirrus sp. | Polychaeta | 1 | 0 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Dorvillea longicornis | Polychaeta | 2 | 0 | 1 | 1 | 1 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Euchone limnicola | Polychaeta | 7 | 18 | 2 | 2 | 2 | 9.0 | 10.0 | 2 | 18 | 8.2 | 4.7 | 18.4 | 27 |
| Eumida longicornuta | Polychaeta | 0 | 1 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Exogone lourei | Polychaeta | 3 | 4 | 5 | 5 | 5 | 4.0 | 4.0 | 3 | 5 | 1.0 | 0.6 | 2.3 | 12 |

Benthic Community Data

| | | | | | | | | | | | | |
|-------------------------|----|-----|----|----|------|------|----|-----|-----|-----|------|-----|
| TOTAL MOLLUSC SP. | 2 | 2 | 1 | 0 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| TOTAL POLYCHAETE INDIV. | 99 | 102 | 88 | 88 | 96.3 | 95.0 | 88 | 102 | 7.4 | 4.3 | 16.6 | 289 |
| TOTAL POLYCHAETE SP. | 20 | 16 | 14 | 16 | 15.3 | 15.0 | 14 | 16 | 1.2 | 0.7 | 2.6 | 46 |

STANUM 85013 IDORG LEG DATE
 NEWPORT BAY (RHINE CHANNEL) 1633 45 06/20/96

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|--------------------------------|-------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Mayerella banksia | Caprellida | 0 | 0 | 1 | 1 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Acuminodeutopus heteruropus | Gammaridea | 1 | 1 | 0 | 0 | 0 | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Ampithoe valida | Gammaridea | 0 | 1 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Aoroides columbiae | Gammaridea | 0 | 0 | 4 | 4 | 4 | 1.3 | 2.0 | 0 | 4 | 2.3 | 1.3 | 5.2 | 4 |
| Elasmopus mutatus | Gammaridea | 0 | 0 | 2 | 2 | 2 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Gammaropsis thompsoni | Gammaridea | 0 | 6 | 7 | 7 | 7 | 4.3 | 3.5 | 0 | 7 | 3.8 | 2.2 | 8.5 | 13 |
| Grandidierella japonica | Gammaridea | 0 | 13 | 0 | 0 | 0 | 4.3 | 6.5 | 0 | 13 | 7.5 | 4.3 | 16.9 | 13 |
| Paramicrodeutopus schmitti | Gammaridea | 0 | 2 | 1 | 1 | 1 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Haliophasma geminatum | Isopoda | 0 | 0 | 3 | 3 | 3 | 1.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 3 |
| Paracercis sculpta | Isopoda | 1 | 1 | 2 | 2 | 2 | 1.3 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 4 |
| Zeuxo normani | Tanaidacea | 4 | 0 | 8 | 8 | 8 | 4.0 | 4.0 | 0 | 8 | 4.0 | 2.3 | 9.0 | 12 |
| Musculista senhousiei | Bivalvia | 3 | 11 | 3 | 3 | 3 | 5.7 | 7.0 | 3 | 11 | 4.6 | 2.7 | 10.4 | 17 |
| Siliqua sp. | Bivalvia | 0 | 1 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Cirriformia moorei | Polychaeta | 0 | 0 | 16 | 16 | 16 | 5.3 | 8.0 | 0 | 16 | 9.2 | 5.3 | 20.8 | 16 |
| Dorvillea longicornis | Polychaeta | 4 | 0 | 1 | 1 | 1 | 1.7 | 2.0 | 0 | 4 | 2.1 | 1.2 | 4.7 | 5 |
| Euchone limnicola | Polychaeta | 3 | 3 | 4 | 4 | 4 | 3.3 | 3.5 | 3 | 4 | 0.6 | 0.3 | 1.3 | 10 |
| Exogone diwisula | Polychaeta | 0 | 1 | 2 | 2 | 2 | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Leitoscoloplos pugettensis | Polychaeta | 13 | 11 | 1 | 1 | 1 | 8.3 | 7.0 | 1 | 13 | 6.4 | 3.7 | 14.5 | 25 |
| Mediomastus californiensis | Polychaeta | 0 | 2 | 0 | 0 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Monticellina sibirica | Polychaeta | 2 | 5 | 2 | 2 | 2 | 3.0 | 3.5 | 2 | 5 | 1.7 | 1.0 | 3.9 | 9 |
| Monticellina sp(p) | Polychaeta | 7 | 5 | 0 | 0 | 0 | 4.0 | 3.5 | 0 | 7 | 3.6 | 2.1 | 8.1 | 12 |
| Neanthes acuminata | Polychaeta | 5 | 2 | 1 | 1 | 1 | 2.7 | 3.0 | 1 | 5 | 2.1 | 1.2 | 4.7 | 8 |
| Polydora cornuta | Polychaeta | 1 | 5 | 3 | 3 | 3 | 3.0 | 3.0 | 1 | 5 | 2.0 | 1.2 | 4.5 | 9 |
| Prionospio heterobranchia | Polychaeta | 1 | 2 | 1 | 1 | 1 | 1.3 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 4 |
| Pseudopolydora paucibranchiata | Polychaeta | 27 | 92 | 54 | 54 | 54 | 57.7 | 59.5 | 27 | 92 | 32.7 | 18.9 | 73.5 | 173 |
| Scotolema zonata | Polychaeta | 2 | 1 | 1 | 1 | 1 | 1.3 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 4 |
| Streblospio benedicti | Polychaeta | 1 | 0 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Nematoda | Nematoda | 13 | 22 | 9 | 9 | 9 | 14.7 | 15.5 | 9 | 22 | 6.7 | 3.8 | 15.0 | 44 |
| Nemertea | Nemertea | 0 | 1 | 0 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Oligochaeta | Oligochaeta | 10 | 3 | 6 | 6 | 6 | 6.3 | 6.5 | 3 | 10 | 3.5 | 2.0 | 7.9 | 19 |

Benthic Community Data

| Phoronida | 0 | 0 | 2 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
|-------------------------|----|-----|-----|-------|-------|----|-----|------|------|-------|-----|
| Phoronida | 98 | 191 | 134 | 141.0 | 144.5 | 98 | 191 | 46.9 | 27.1 | 105.5 | 423 |
| TOTAL INDIVIDUALS | 31 | 17 | 22 | 20.7 | 20.0 | 17 | 23 | 3.2 | 1.9 | 7.2 | 62 |
| TOTAL SPECIES | 6 | 24 | 28 | 19.3 | 17.0 | 6 | 28 | 11.7 | 6.8 | 26.4 | 58 |
| TOTAL CRUST. INDIV. | 11 | 3 | 6 | 5.7 | 5.5 | 3 | 8 | 2.5 | 1.5 | 5.7 | 17 |
| TOTAL CRUST. SP. | 1 | 23 | 14 | 12.7 | 12.0 | 1 | 23 | 11.1 | 6.4 | 24.9 | 38 |
| GAMMARID INDIV. | 7 | 1 | 5 | 3.3 | 3.0 | 1 | 5 | 2.1 | 1.2 | 4.7 | 10 |
| GAMMARID SP. | 5 | 1 | 14 | 6.7 | 7.5 | 1 | 14 | 6.7 | 3.8 | 15.0 | 20 |
| OTHER CRUSTACEAN INDIV. | 4 | 2 | 1 | 2.3 | 2.5 | 1 | 4 | 1.5 | 0.9 | 3.4 | 7 |
| OTHER CRUSTACEAN SP. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM INDIV. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM SP. | 3 | 12 | 3 | 6.0 | 7.5 | 3 | 12 | 5.2 | 3.0 | 11.7 | 18 |
| TOTAL MOLLUSC INDIV. | 2 | 1 | 2 | 1.3 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 4 |
| TOTAL MOLLUSC SP. | 66 | 129 | 86 | 93.7 | 97.5 | 66 | 129 | 32.2 | 18.6 | 72.4 | 281 |
| TOTAL POLYCHAETE INDIV. | 14 | 11 | 11 | 11.0 | 11.0 | 11 | 11 | 0.0 | 0.0 | 0.0 | 33 |
| TOTAL POLYCHAETE SP. | | | | | | | | | | | |

STANUM 85001 IDORG LEG DATE
 1634 45 06/20/96
 NEWPORT BAY (523)

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|-------------------------|------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|-----|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Mayerella banksia | Caprellida | 2 | 1 | 1 | | | 1.3 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 4 |
| Ampithoe valida | Gammaridea | 11 | 7 | 11 | | | 9.7 | 9.0 | 7 | 11 | 2.3 | 1.3 | 5.2 | 29 |
| Corophium stimpsoni | Gammaridea | 1 | 15 | 7 | | | 7.7 | 8.0 | 1 | 15 | 7.0 | 4.1 | 15.8 | 23 |
| Grandidierella japonica | Gammaridea | 95 | 75 | 157 | | | 109.0 | 116.0 | 75 | 157 | 42.8 | 24.7 | 96.2 | 327 |
| Melphisana bola | Gammaridea | 1 | 4 | 8 | | | 4.3 | 4.5 | 1 | 8 | 3.5 | 2.0 | 7.9 | 13 |
| Podocerus brasiliensis | Gammaridea | 0 | 25 | 4 | | | 9.7 | 12.5 | 0 | 25 | 13.4 | 7.8 | 30.2 | 29 |
| Haliophasma geminatum | Isopoda | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Paracercis sculpia | Isopoda | 0 | 2 | 1 | | | 1.0 | 1.0 | 0 | 2 | 1.0 | 0.6 | 2.3 | 3 |
| Leptochelia dubia | Tanaidacea | 0 | 1 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Zeuxo normani | Tanaidacea | 0 | 6 | 1 | | | 2.3 | 3.0 | 0 | 6 | 3.2 | 1.9 | 7.2 | 7 |
| Crassostrea virginica | Bivalvia | 0 | 21 | 0 | | | 7.0 | 10.5 | 0 | 21 | 12.1 | 7.0 | 27.3 | 21 |
| Musculista senhousci | Bivalvia | 4 | 26 | 7 | | | 12.3 | 15.0 | 4 | 26 | 11.9 | 6.9 | 26.8 | 37 |
| Mytilus edulis | Bivalvia | 0 | 41 | 2 | | | 14.3 | 20.5 | 0 | 41 | 23.1 | 13.3 | 52.0 | 43 |
| Siliqua sp. | Bivalvia | 1 | 0 | 1 | | | 0.7 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 2 |
| Tagelus subteres | Bivalvia | 0 | 2 | 0 | | | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Tellina modesta | Bivalvia | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Acteocina sp. | Gastropoda | 4 | 2 | 1 | | | 2.3 | 2.5 | 1 | 4 | 1.5 | 0.9 | 3.4 | 7 |
| Barleeia sp. | Gastropoda | 0 | 19 | 0 | | | 6.3 | 9.5 | 0 | 19 | 11.0 | 6.3 | 24.7 | 19 |

Benthic Community Data

| | | | | | | | | | | | |
|--------------------------------|-----|------|-----|-------|-------|-----|------|-------|------|-------|------|
| Bulla sp. | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Armandia brevis | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Capitella capitata | 24 | 2 | 41 | 22.3 | 21.5 | 2 | 41 | 19.6 | 11.3 | 44.0 | 67 |
| Cirriiformia moorei | 0 | 5 | 0 | 1.7 | 2.5 | 0 | 5 | 2.9 | 1.7 | 6.5 | 5 |
| Euclione limnicola | 0 | 1 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Eulalia sp(p) | 0 | 0 | 1 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Eunicidae, unident. | 2 | 28 | 6 | 12.0 | 15.0 | 2 | 28 | 14.0 | 8.1 | 31.5 | 36 |
| Exogone molesta | 30 | 19 | 46 | 31.7 | 32.5 | 19 | 46 | 13.6 | 7.8 | 30.5 | 95 |
| Harmothoainae, unident. | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Marphysa cf. sanguinea | 5 | 6 | 1 | 4.0 | 3.5 | 1 | 6 | 2.6 | 1.5 | 6.0 | 12 |
| Neanthes acuminata | 0 | 2 | 0 | 0.7 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 2 |
| Nereididae spp. juv. | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Polydora cornuta | 13 | 245 | 61 | 106.3 | 129.0 | 13 | 245 | 122.5 | 70.7 | 275.5 | 319 |
| Pseudopolydora paucibranchiata | 81 | 5 | 85 | 57.0 | 45.0 | 5 | 85 | 45.1 | 26.0 | 101.4 | 171 |
| Scolecipis texana | 5 | 0 | 12 | 5.7 | 6.0 | 0 | 12 | 6.0 | 3.5 | 13.6 | 17 |
| Streblospio benedicti | 226 | 10 | 291 | 175.7 | 150.5 | 10 | 291 | 147.1 | 84.9 | 331.0 | 527 |
| Nemertea | 1 | 0 | 0 | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Oligochaeta | 319 | 422 | 171 | 304.0 | 296.5 | 171 | 422 | 126.2 | 72.8 | 283.9 | 912 |
| Phoronida | 3 | 0 | 0 | 1.0 | 1.5 | 0 | 3 | 1.7 | 1.0 | 3.9 | 3 |
| Platyhelminthes | 1 | 8 | 0 | 3.0 | 4.0 | 0 | 8 | 4.4 | 2.5 | 9.8 | 9 |
| TOTAL INDIVIDUALS | 833 | 1001 | 917 | 917.0 | 917.0 | 833 | 1001 | 84.0 | 48.5 | 189.0 | 2751 |
| TOTAL SPECIES | 38 | 24 | 23 | 25.0 | 25.5 | 23 | 28 | 2.6 | 1.5 | 6.0 | 75 |
| TOTAL CRUST. INDIV. | 110 | 137 | 190 | 145.7 | 150.0 | 110 | 190 | 40.7 | 23.5 | 91.6 | 437 |
| TOTAL CRUST. SP. | 10 | 5 | 8 | 7.7 | 7.5 | 5 | 10 | 2.5 | 1.5 | 5.7 | 23 |
| GAMMARID INDIV. | 108 | 126 | 187 | 140.3 | 147.5 | 108 | 187 | 41.4 | 23.9 | 93.2 | 421 |
| GAMMARID SP. | 5 | 4 | 5 | 4.7 | 4.5 | 4 | 5 | 0.6 | 0.3 | 1.3 | 14 |
| OTHER CRUSTACEAN INDIV. | 2 | 11 | 3 | 5.3 | 6.5 | 2 | 11 | 4.9 | 2.8 | 11.1 | 16 |
| OTHER CRUSTACEAN SP. | 5 | 1 | 3 | 3.0 | 3.0 | 1 | 5 | 2.0 | 1.2 | 4.5 | 9 |
| TOTAL ECHINODERM INDIV. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM SP. | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL MOLLUSC INDIV. | 11 | 111 | 11 | 44.3 | 61.0 | 11 | 111 | 57.7 | 33.3 | 129.9 | 133 |
| TOTAL MOLLUSC SP. | 9 | 5 | 4 | 5.0 | 5.0 | 4 | 6 | 1.0 | 0.6 | 2.3 | 15 |
| TOTAL POLYCHAETE INDIV. | 388 | 323 | 545 | 418.7 | 434.0 | 323 | 545 | 114.1 | 65.9 | 256.8 | 1256 |
| TOTAL POLYCHAETE SP. | 15 | 10 | 10 | 10.0 | 10.0 | 10 | 10 | 0.0 | 0.0 | 0.0 | 30 |

Benthic Community Data

STANUM 85001 STATION NEWPORT BAY (523) IDORG 1788 LEG 54 DATE 08/20/97

| SPECIES | TAXA | NO. PER CORE | | | | | SUMMARY STATISTICS | | | | | | | |
|--------------------------------|-------------|--------------|-------|-------|-------|-------|--------------------|--------|-----|-----|----------|------|-------|------|
| | | rep 1 | rep 2 | rep 3 | rep 4 | rep 5 | mean | median | min | max | St. Dev. | S.E. | 95%CL | sum |
| Mayerella banksia | Caprellida | 1 | 0 | 4 | | | 1.7 | 2.0 | 0 | 4 | 2.1 | 1.2 | 4.7 | 5 |
| Ampithoe valida | Gammaridea | 29 | 37 | 48 | | | 38.0 | 38.5 | 29 | 48 | 9.5 | 5.5 | 21.5 | 114 |
| Corophium acherusicum | Gammaridea | 44 | 16 | 42 | | | 34.0 | 30.0 | 16 | 44 | 15.6 | 9.0 | 35.1 | 102 |
| Melphisana bola | Gammaridea | 2 | 1 | 5 | | | 2.7 | 3.0 | 1 | 5 | 2.1 | 1.2 | 4.7 | 8 |
| Paramicrodentopus schmitti | Gammaridea | 194 | 138 | 159 | | | 163.7 | 166.0 | 138 | 194 | 28.3 | 16.3 | 63.7 | 491 |
| Podocerus fulanus | Gammaridea | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Tethygenia minuta | Gammaridea | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Anthuridae | Isopoda | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Paracerceis sculpta | Isopoda | 1 | 0 | 6 | | | 2.3 | 3.0 | 0 | 6 | 3.2 | 1.9 | 7.2 | 7 |
| Leptochelia dubia | Tanaidacea | 0 | 0 | 4 | | | 1.3 | 2.0 | 0 | 4 | 2.3 | 1.3 | 5.2 | 4 |
| Musculista senhousiei | Bivalvia | 18 | 17 | 21 | | | 18.7 | 19.0 | 17 | 21 | 2.1 | 1.2 | 4.7 | 56 |
| Tagelus subteres | Bivalvia | 0 | 2 | 2 | | | 1.3 | 1.0 | 0 | 2 | 1.2 | 0.7 | 2.6 | 4 |
| Acteocina sp. | Gastropoda | 1 | 5 | 2 | | | 2.7 | 3.0 | 1 | 5 | 2.1 | 1.2 | 4.7 | 8 |
| Capitella capitata | Polychaete | 9 | 2 | 4 | | | 5.0 | 5.5 | 2 | 9 | 3.6 | 2.1 | 8.1 | 15 |
| Exogone molesta | Polychaete | 33 | 13 | 24 | | | 23.3 | 23.0 | 13 | 33 | 10.0 | 5.8 | 22.5 | 70 |
| Fabricinuda limnicola | Polychaete | 41 | 32 | 0 | | | 24.3 | 20.5 | 0 | 41 | 21.5 | 12.4 | 48.5 | 73 |
| Leitoscoloplos pugettensis | Polychaete | 1 | 1 | 4 | | | 2.0 | 2.5 | 1 | 4 | 1.7 | 1.0 | 3.9 | 6 |
| Marphysa cf. sanguinea | Polychaete | 2 | 4 | 1 | | | 2.3 | 2.5 | 1 | 4 | 1.5 | 0.9 | 3.4 | 7 |
| Megalomma pigmentum | Polychaete | 0 | 0 | 1 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Nereis procerca | Polychaete | 0 | 0 | 4 | | | 1.3 | 2.0 | 0 | 4 | 2.3 | 1.3 | 5.2 | 4 |
| Platylaelminthes | Polychaete | 0 | 0 | 0 | | | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| Polydora cornuta | Polychaete | 15 | 3 | 6 | | | 8.0 | 9.0 | 3 | 15 | 6.2 | 3.6 | 14.1 | 24 |
| Pseudopolydora paucibranchiata | Polychaete | 1 | 4 | 0 | | | 1.7 | 2.0 | 0 | 4 | 2.1 | 1.2 | 4.7 | 5 |
| Streblospio benedicti | Polychaete | 52 | 40 | 6 | | | 32.7 | 29.0 | 6 | 52 | 23.9 | 13.8 | 53.7 | 98 |
| Nemertea | Nemertea | 1 | 0 | 0 | | | 0.3 | 0.5 | 0 | 1 | 0.6 | 0.3 | 1.3 | 1 |
| Oligochaeta | Oligochaeta | 48 | 57 | 19 | | | 41.3 | 38.0 | 19 | 57 | 19.9 | 11.5 | 44.7 | 124 |
| Phoronida | Phoronida | 2 | 1 | 1 | | | 1.3 | 1.5 | 1 | 2 | 0.6 | 0.3 | 1.3 | 4 |
| TOTAL INDIVIDUALS | | 495 | 373 | 366 | | | 411.3 | 430.5 | 366 | 495 | 72.5 | 41.9 | 163.2 | 1234 |
| TOTAL SPECIES | | 27 | 19 | 23 | | | 19.7 | 20.0 | 17 | 23 | 3.1 | 1.8 | 6.9 | 59 |
| TOTAL CRUST. INDIV. | | 10 | 6 | 4 | | | 244.7 | 231.5 | 192 | 271 | 45.6 | 26.3 | 102.6 | 734 |
| TOTAL CRUST. SP. | | 6 | 4 | 4 | | | 6.7 | 7.0 | 4 | 10 | 3.1 | 1.8 | 6.9 | 20 |
| GAMMARID INDIV. | | 269 | 192 | 256 | | | 239.0 | 230.5 | 192 | 269 | 41.2 | 23.8 | 92.7 | 717 |
| GAMMARID SP. | | 4 | 4 | 6 | | | 4.7 | 5.0 | 4 | 6 | 1.2 | 0.7 | 2.6 | 14 |
| OTHER CRUSTACEAN INDIV. | | 2 | 0 | 15 | | | 5.7 | 7.5 | 0 | 15 | 8.1 | 4.7 | 18.3 | 17 |

Benthic Community Data

| | | | | | | | | | | | | |
|-------------------------|----|-----|----|----|-------|-------|----|-----|------|------|-------|-----|
| OTHER CRUSTACEAN SP. | 4 | 2 | 0 | 4 | 2.0 | 2.0 | 0 | 4 | 2.0 | 1.2 | 4.5 | 6 |
| TOTAL ECHINODERM INDIV. | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL ECHINODERM SP. | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 |
| TOTAL MOLLUSC INDIV. | 3 | 19 | 24 | 25 | 22.7 | 22.0 | 19 | 25 | 3.2 | 1.9 | 7.2 | 68 |
| TOTAL MOLLUSC SP. | 3 | 2 | 3 | 3 | 2.7 | 2.5 | 2 | 3 | 0.6 | 0.3 | 1.3 | 8 |
| TOTAL POLYCHAETE INDIV. | 11 | 154 | 99 | 50 | 101.0 | 102.0 | 50 | 154 | 52.0 | 30.0 | 117.1 | 303 |
| TOTAL POLYCHAETE SP. | 11 | 8 | 8 | 8 | 8.0 | 8.0 | 8 | 8 | 0.0 | 0.0 | 0.0 | 24 |

